CONSTRUCTION NEWS

PROPOSALS

For proposals Advertised see the pages immediately following the "Construction News" Section.

WATERWORKS

Bids Close		See Eng. News-Record
Sept. 5	St. Paul, Minn.	Aug. 31
Sept. 6	Waterville, N. Y. Adv. Aug. 31.	Aug. 31
Sept. 8	Port Dover, Ont.	Aug. 24
Sept. 9	Voorheesville, N. Y. Adv. Aug. 24 and 31.	Aug. 24
Sept. 11	Monroe, Mich. Adv. Aug. 31.	Aug. 31
Sept. 12	Thief River Falls, Minn.	Aug. 31
Sept. 14	Mineola, N. Y. Adv. Aug. 31.	Aug. 31
Sept. 15	Grants Pass, Ore.	July 27
Sept. 15	Plaquemine, La.	Aug. 3
Sept. 25	Tulsa, Okla. Adv. Aug. 24 and 31.	Aug. 24
Oct. 1	Ponchatoula, La.	Aug. 3

SEWERS

Sept. 2	Williamsport, Pa.	Aug. 31
Sept. 4	Redwood City, Calif.	Aug. 17
Sept. 5	Upper Darby (Phila. P. O.), Pa.	Aug. 31
Sept. 5	Springwells, Mich.	Aug. 31
Sept. 5	Plainfield, N. J.	Aug. 17
Sept. 6	Gardnerville, Nev.	Aug. 17
Sept. 6	Rye, N. Y. Adv. Aug. 24 and 31.	Aug. 24
Sept. 6	Little, Falls, N. J.	Aug. 31
Sept. 7	Phila., Pa. Adv. Aug. 24 and 31.	Aug. 24
Sept. 7	Spring Valley, N. Y.	Aug. 17
Sept. 8	Port Dover, Ont.	Aug. 24
Sept. 8	Milwaukee, Wis.	Aug. 31
Sept. 9	Lima, O. Adv. Aug. 24 and 31.	Aug. 31
Sept. 11	Madisonville, Ky. Adv. Aug. 31.	Aug. 31
Sept. 12	Sebring, O. Adv. Aug. 31.	Aug. 31
Sept. 12	Wichita, Kan. Adv. Aug. 31.	Aug. 31
Sept. 14	Jacksonville, Fla.	Aug. 31
Sept. 15	Eveleth, Minn.	Aug. 17
Sept. 19	Newark, N. J.	Aug. 24
Sept. 21	Jacksonville, Fla.	Aug. 31
Sept. 23	Bloomington, Ill. Adv. Aug. 31.	Aug. 31
Sept. 25	Hackensack, N. J. Adv. Aug. 31.	Aug. 31
Sept. 28	Lake Forest, Ill. Adv. Aug. 31.	Aug. 31

BRIDGES

Sept. 5	Houston, Tex.	Aug. 10
Sept. 5	Ft. Lauderdale, Fla.	Aug. 17
Sept. 5	Augusta, Ga.	Aug. 17
Sept. 5	Greenfield, Ind.	Aug. 17
Sept. 5	Williamsport, Pa.	Aug. 31
Sept. 5	Montezuma, Ia.	Aug. 31
Sept. 5	Stockton, Calif.	Aug. 24
Sept. 6	Wawatosa, Wis.	Aug. 31
Sept. 6	Warren, Pa.	Aug. 31
Sept. 7	Duluth, Minn.	Aug. 31
Sept. 7	New Braunfels, Tex.	Aug. 17
Sept. 7	Savannah, Ga.	Aug. 17
Sept. 7	Nashville, Tenn.	Aug. 3
Sept. 8	Phila., Pa.	Aug. 31
Sept. 8	Vicksburg, Miss.	Aug. 24
Sept. 11	California	Aug. 24
Sept. 14	Tennessee Adv. Aug. 24 and 31.	Aug. 24
Sept. 26	Alabama	Aug. 31
Oct. 1	Siam	July 13
Oct. 31	Sydney, Australia	Jan. 12
Sept. 1, 1923	Sydney, New South Wales, Australia	Aug. 3

DAM

Sept. 5	Beacon, N. Y. Adv. Aug. 24 and 31.	Aug. 24

EXCAVATION, DRAINAGE, IRRIGATION

Sept. 4	Jeanerette, La.	Aug. 24
Sept. 7	Aberdeen, S. D.	Aug. 24

STREETS AND ROADS

Sept. 1	Manchester, Ia.	Aug. 31
Sept. 2	Angola, Ind.	Aug. 31
Sept. 2	Greencastle, Ind.	Aug. 31
Sept. 2	Lincoln, Neb.	Aug. 24
Sept. 4	Cannelton, Ind.	Aug. 31
Sept. 4	Lawrenceburg, Ind.	Aug. 31
Sept. 4	Nashville, N. C.	Aug. 31
Sept. 5	San Jose, Calif.	Aug. 31
Sept. 5	Stockton, Calif.	Aug. 31
Sept. 5	Highland Park, N. J. Adv. Aug. 24 and 31.	Aug. 31
Sept. 5	Montezuma, Ia.	Aug. 31
Sept. 5	Marion, Ind.	Aug. 31
Sept. 5	Utah	Aug. 31
Sept. 5	Winamac, Ind.	Aug. 31
Sept. 5	Monticello, Ind.	Aug. 31
Sept. 5	Spencer, Ind.	Aug. 31
Sept. 5	Burlington, N. J.	Aug. 31
Sept. 5	Buffalo, N. Y.	Aug. 31
Sept. 5	Washington	Aug. 10
Sept. 5	Spencer, Ind.	Aug. 24
Sept. 5	New Jersey Adv. Aug. 24 and 31.	Aug. 24
Sept. 5	Oskaloosa, Ia.	Aug. 24
Sept. 5	Quebec	Aug. 24
Sept. 5	Marshall, Minn.	Aug. 24
Sept. 5	Fresno, Calif.	Aug. 24
Sept. 5	Yuba City, Calif.	Aug. 24
Sept. 5	Safety Harbor, Fla.	Aug. 24
Sept. 6	Stockton, Calif.	Aug. 24
Sept. 6	Albion, Ind.	Aug. 24
Sept. 6	Goshen, Ind.	Aug. 24
Sept. 6	Red Bank, N. J. Adv. Aug. 17 to 31.	Aug. 17
Sept. 6	Goshen, Ind.	Aug. 31
Sept. 6	Palo Pinto, Tex.	Aug. 31
Sept. 6	Ebensburg, Pa.	Aug. 31
Sept. 6	Nevada	Aug. 31
Sept. 6	Akron, O.	Aug. 31
Sept. 7	Richmond Hill, N. Y.	Aug. 31
Sept. 7	Akron, O.	Aug. 31
Sept. 7	Charleston, S. C.	Aug. 31
Sept. 7	De Land, Fla.	Aug. 31
Sept. 7	Sumter, S. C.	Aug. 31
Sept. 8	Salt Lake City, Utah	Aug. 31
Sept. 8	Stratford, Conn. Adv. Aug. 31.	Aug. 31
Sept. 8	Somerville, N. J. Adv. Aug. 17 to 31.	Aug. 17
Sept. 11	Crescent City, Calif.	Aug. 17
Sept. 11	Michigan	Aug. 31
Sept. 11	Ebensburg, Pa.	Aug. 31
Sept. 11	Washington	Aug. 31
Sept. 11	Yonkers, N. Y. Adv. Aug. 31.	Aug. 31
Sept. 11	Mamaroneck, N. Y. Adv. Aug. 24 and 31.	Aug. 31
Sept. 12	Michigan	Aug. 31
Sept. 12	Mound City, Kan.	Aug. 24
Sept. 12	Bridgeton, N. J.	Aug. 24
Sept. 13	Maryland Adv. Aug. 31.	Aug. 31
Sept. 14	Mobile, Ala. Adv. Aug. 24 and 31.	Aug. 24
Sept. 14	Tennessee	Aug. 24
Sept. 18	Charleston, Miss. Adv. Aug. 24 and 31.	Aug. 24
Sept. 18	Minnesota	Aug. 31
Sept. 19	New Orleans, La.	July 6
Sept. 26	Alabama	Aug. 31
Sept. 29	Tulsa, Okla.	Aug. 24
Oct. 3	Anderson, S. C.	Aug. 31
Oct. 3	Washington	Aug. 31

INDUSTRIAL WORK

Sept. 6	Cohoes, N. Y. Adv. Aug. 17 to 31.	Aug. 17
Sept. 7	Trenton, N. J.	Aug. 31
Sept. 11	Sacramento, Calif.	Aug. 31

BUILDINGS

Sept. 2	Worcester, Mass.	Aug. 31
Sept. 5	Smyrna, Del.	Aug. 10
Sept. 5	Teaneck (Englewood P. O.), N. J.	Aug. 24
Sept. 5	Ann Arbor, Mich.	Aug. 31
Sept. 6	Milaca, Minn.	Aug. 17
Sept. 7	Columbus, O.	Aug. 17
Sept. 7	Phila., Pa.	Aug. 31
Sept. 7	New York, N. Y.	Aug. 31
Sept. 8	Raleigh, N. C.	Aug. 31
Sept. 11	Oakland, Calif.	Aug. 10
Sept. 11	Johnstown, Pa.	Aug. 31
Sept. 11	Pittsburg, Pa.	Aug. 31
Sept. 11	Buffalo, N. Y.	Aug. 31
Sept. 12	Port Jervis, N. Y.	Aug. 31
Sept. 15	Atchinson, Kan.	Aug. 31
Sept. 15	Racine, Wis.	Aug. 31
Sept. 16	St. Thomas, Ont.	Aug. 24
Sept. 18	Glens Falls, N. Y.	Aug. 31
Sept. 18	Cleveland, O.	Aug. 31
Sept. 18	Saratoga Springs, N. Y.	Aug. 31
Sept. 20	Dearborn, Mich.	Aug. 31
Sept. 30	Duluth, Minn.	July 13
Oct. 1	Duluth, Minn.	Aug. 3

FEDERAL GOVERNMENT WORK

Sept. 5	Dredging — New York, N. Y. Adv. Aug. 3 to 31.	Aug. 3
Sept. 5	Steel Gates — Nashville, Tenn. Adv. Aug. 3, 10, 24 and 31.	Aug. 3
Sept. 5	Dykes, etc.—New Orleans, La.	Aug. 3
Sept. 5	Spur-dikes — New Orleans, La.	Aug. 10
Sept. 5	Dredge Pontoons, etc.—Mobile, Ala. Adv. Aug. 17 to 31.	Aug. 17
Sept. 5	Brick—Chelsea, N. Y.	Aug. 31
Sept. 6	Motors, etc.—Yuma, Ariz.	July 27
Sept. 6	Dredging—Phila., Pa.	Aug. 10
Sept. 6	Riprap Protection — Hampton Roads, Va.	Aug. 24
Sept. 7	Stone—New Orleans, La. Adv. Aug. 10 to 31.	Aug. 10
Sept. 8	Mezzanine—St. Louis, Mo.	Aug. 24
Sept. 12	Hospital — Northampton, Mass.	Aug. 24
Sept. 13	Guard House, etc.—San Diego, Calif.	Aug. 24
Sept. 13	Hangar—Anacostia, D. C.	Aug. 31
Sept. 14	Dredging—Norfolk, Va.	Aug. 17
Sept. 15	Repairing Jetty—Providence, R. I. Adv. Aug. 24 and 31.	Aug. 24
Sept. 15	Barges—New Orleans, La. Adv. Aug. 24 and 31.	Aug. 24
Sept. 18	Barges—Florence, Ala. Adv. Aug. 24 and 31.	Aug. 24
Sept. 18	Turbine—Florence, Ala. Adv. Aug. 24 and 31.	Aug. 24
Sept. 20	Quarters — Langley Field, Va.	Aug. 31
Sept. 21	Jetty Repairs—Jacksonville, Fla. Adv. Aug. 24 and 31.	Aug. 24
Sept. 22	Cast Iron Mains, etc. — Fitzsimons, Colo. Adv. Aug. 31.	Aug. 31
Sept. 26	Repairing Walls—Savannah, Ga. Adv. Aug. 31.	Aug. 31
Sept. 27	Quarters — Ft. Bayard, N. M. Adv. Aug. 31.	Aug. 31
Sept. 28	Dredging—Buffalo, N. Y. Adv. Aug. 31.	Aug. 31
Oct. 31	Dredging—Honolulu, H. T. Adv. Aug. 31.	Aug. 31

MISCELLANEOUS

Sept. 2	Substructure & Foundations—Everett, Mass.	Aug. 31
Sept. 5	Fire Alarm System, etc.—Kansas City, Mo.	Aug. 10
Sept. 5	Portland Cement, etc. — St. Paul, Minn.	Aug. 31
Sept. 6	Truck Bodies, etc.—San Francisco, Calif.	Aug. 17
Sept. 6	Refrigeration Work—Marcy, N. Y.	Aug. 24
Sept. 8	Mechanical Equipment —Wilmington, Del.	Aug. 24
Sept. 8	Dumping Platform—New York, N. Y.	Aug. 31
Sept. 12	Foundation — Des Moines, Ia.	Aug. 31
Sept. 15	Piping, etc. — Hammond, Ind.	Aug. 24
Sept. 16	Strain & Pin Type Insulators —Melbourne, Australia	July 27
Sept. 16	Railroad Ties — Toronto, Ont.	Aug. 31
Oct. 10	Steam Turbine, etc.—New Orleans, La. Adv. Aug. 17 to 31.	Aug. 17
Nov. 4	Transformers, etc. — Melbourne, Australia Adv. Aug. 17 and 31.	Aug. 17

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk or corresponding official.

Waterworks

PROPOSED WORK

Conn., Putnam — Water Works Dept. plans model filtration plant, $35,000. Private plans.

Pa., New Brighton—Beaver Valley Water Co., plans to relay mains in 3rd Ave. and other streets. $15,000. Engineer not announced.

Fla., Zephyrhills—Sept. 12, to vote on $31,500 bonds for waterworks. A. W. Rodgers, city clk.

Waterworks (Continued)

Mich., North Muskegon (Muskegon P. O.)—Water Dept. plans 1 story, 20 x 20 ft. stone pump house. $20,000. Hoad & Decker, Ann Arbor, engrs.

Tex., Clarendon — Attorney Generals Dept., Austin, approved $75,000 bonds issue for waterworks improvements, here. Address O. C. Watson, mayor.

Tex., Clifton—Attorney Generals Dept., Austin, approved $20,000 bond issue for waterworks improvements, here.

Tex., Lubbock—See "Sewers."

Okla., Woodward—Making plans waterworks. Black & Veatch, 701 Mutual Bldg., Kansas City, Mo., engrs.

Utah, Clearfield—Plans complete new waterworks system. $50,000. Caldwell & Richardson, Templeton Bldg., Salt Lake City, engrs.

Utah, Ogden—Rejected bids furnishing and laying 1,500 ton 12-20 in. Class B c.i. pipe. $150,000. Will readvertise. Noted Aug. 17.

Ore., Eagle Point—Eagle Point Irrigation Dist. rejected bid opened Aug. 10, canal excav., 150,000 cu.yd. earth and 20,000 cu. yd. rock excav. Will readvertise. R. Cowgill, Medford, engr.

Calif., Napa—Voted $600,000 bonds, $265,000 of which will be used to purchase system of Napa City Water Works, balance for improvements, incl, single arch concrete dam with gravity section, 108 ft. high, 600 ft. long at top, storing 630,000,000 gal., cost, incl. outlet, control works and spillway, $220,000; pipe line from diversion dam in Milliken Canyon to proposed reservoir, 25,600 ft. 14 in. double dipped riveted steel slip joint pipe, 1,600 ft. 16 in. machine-banded, dipped riveted wood stave pipe, pressure break, valves, fittings, etc., est. cost of pipe and fittings, $52,000; chlorinator for sterilizing water, installed at reservoir, $3,000. H. A. Harrold, city engr., A. Kempkey, Hobart Bldg., San Francisco, consult, engr. Noted July 13.

Calif., Tracy—Will vote on $136,000 bonds to construct septic tank, watermain extensions, purchase fire equipment, etc. W. D. Harrington, Tracy, engr.

Calif., Westley—Birtschmann Ranch had plans prepared, canal 8 mi. long, 3 to 4 ft. wide, 27,000 yd. earthwork; enlarging existing intake channel, 27,000 cu.yd. earthwork; 7,900 lin.ft. 18-30 in. wood stave pipe line; 3,000 lin.ft. 11,000 volt power line; main pumping plant involves 60 cu.yd. excav., 30 cu.yd. backfill, 42 cu.yd. rein.-con., two 12-in. horizontal centrifugal pumps, direct connected to two 250 hp. motors and two 18 ft. suction pipes, 35 ft. long, steel discharge wyes connecting to wood stave pipe line; 1 priming pump for above; auxiliary pumping plant involves one 8 in. horizontal centrifugal pump, 1,700 lin.ft. 12 in. pipe, one 12 hp. gasoline engine, 1 small priming pump, to operate at a 50 ft. head; 880 lin.ft. No. 48 steel flume, etc. $100,000. Easley & Anderson, Antioch, engrs.

Ont., Collingwood — Sept. 5, to vote on $25,000 bonds to lay new intake pipe from lake into pumphouse. W. Holden, mayor, interested in prices on pipe.

Ont., Toronto — Plans pumping station incl. intake, pumphouse, filterhouse, filters, pumps, etc., 40,000,000 to 60,000,000 gal. per day. $2,500,000. R. C. Harris, city engr. and comr. of works.

Ont., Wheatley—Plans waterworks system. $30,000.

BIDS DESIRED

N. Y., Mineola—Sept. 14, by Bd. Village Trustees, about 3 mi. 4, 6 and 8 in. mains, hydrants, etc. C. F. Quinn, clk. S. B. Bowne, Mineola, engr.; adv. this issue.

N. Y., Waterville—Sept. 6, by Bd. Water Comrs., concrete spillway and rein.-con. flume. J. P. Lawyer, 712 Washington St., Utica, engr.; adv. this issue.

Mich., Monroe—Sept. 11, by F. M. Kressbach, city clk., constructing and placing new submerged water intake crib in Lake Erie, near existing waterworks intake crib. Hoad, Decker, Shoecraft & Drury, Ann Arbor, consult. engrs.; adv. this issue.

Minn., St. Paul—Sept. 5, by H. W. Austin, city purch. agt., two horizontal duplex piston pumps for Water Dept. O. Claussen, city engr.

Minn., Thief River Falls—Sept. 12, waterworks improvements, filtration plant 1,000,000 gal. capacity, incl. filter plant building and motor house, filter equipment and pump equipment. $30,000. A. H. Akre, city clk. L. P. Wolff, 1000 Guardian Life Bldg., St. Paul, engr. Noted July 20.

CONTRACTS AWARDED

N. Y., Rochester—See "Streets and Roads."

N. C., Kernersville — Waterworks and sewerage systems to Boyd-Higgins & Goforth, Charlotte, (street address not available), $100,000; stand pipe to R. D. Cole, Newnan, Ga. Noted June 8.

N. C., Lincolnton—For 6 mi. 6-10 in. sewer line, 2 mi. 6 in. water mains, 200,000 gal. concrete reservoir, pump and motor equipment, to Boyd-Higgins & Goforth, Charlotte, (street address not available), $60,000. Noted July 13.

O., Cleveland—Cuyahoga Co., constructing Impvt. 8 of county water supply system, 25,400 ft. 6-12 in. c.i. pipe, to D. Pfahl & Co., Berea Rd., $88,532. Noted Aug. 24.

Wis., Madison—For deep well and equipment, to McCarthy Well Co., Wabash and Eustis Sts., St. Paul, Minn. Engrs. est. $25,000.

Wis., Spring Green—For pumping station, incl. equipment at waterworks, to E. H. Hutter, Spring Green. Engrs. est. $25,000.

Wis., Stevens Point—For 30 in. well, 32 ft. deep, and pump station, to Cast Stone Constr. Co., Michigan Ave., Eau Claire, $7,000; one 1,000 gal. and one 1,500 gal. direct connected centrifugal pumps, to Ingersoll-Rand Co., 343 South Dearborn St., Chicago, $4,000; labor for laying 20,200 ft. 6-12 in. c.i. pipe, to J. E. McVicker & Co., Stevens Point, $15,000. City has purchased pipe. Noted Aug. 10.

Minn., Springfield—Watermain extension, 16,200 lin.ft. 4-8 in. Class B c.i. pipe, thirty-six 4-8 in. gate valves, 22 hydrants, 12,000 lb. c.i. specials, to Siscoe & Frankamp, Mason City, Ia., $23,000. Noted Aug. 3.

S. D., Mitchell—F. McGovern, city auditor, 18,000 lin.ft. 6-10 in. c.i. water mains, hydrants, valves, etc. to Porett & Tuttle, Mitchell. $34,479. Noted July 13.

N. D., Walhalla—Waterworks system incl. 5,800 lin.ft. 6-in. c.i. pipe, well, pumping station, elevated steel tank, to J. T. Kennedy, Grand Forks, $26,394. Noted July 27.

Mont., Glendive—For 34,760 lin.ft. 4-8 in. c.i. mains, hydrants, castings, valves, specials, etc., cutting over 500 existing water services, to Security Bridge Co., 502 North 32nd St., Billings, $44,500. Noted July 27.

Calif., Santa Rosa—Constructing air lift for artesian well, rein.-con. aerator, flume, receiving reservoir with 350,000 gal. capacity, pumping buildings, compressors, motors, crane, pumps, meters, electrical machinery, etc., to Butte Electrical Equipment Co., 530 Folsom St., San Francisco, $46,000. Noted Aug. 17.

Sewers

PROPOSED WORK

Pa., Ambridge—Plans to vote on $90,000 bonds for new sewers. Address C. F. Straube, burgess.

Pa., Taylor—See "Streets & Roads."

Ky., Hazard—Preparing plans and takes bids within 30 days for new sewerage system. J. N. Chester Engineers, Union Bank Bldg., Pittsburgh, engrs.

O., Akron—Plans election in November to vote on $3,000,000 bonds for trunk sewers in various parts of city. J. E. Root, Delaware Bldg., engr.

Wis., Beloit—Plans 41 mi. sanitary sewers. $450,000. Mead & Seastone, Journal Bldg., Madison, engrs.

Minn., Alexandria—Rejected bids opened July 31 and Aug. 14, sewer extensions and improvements in various streets, 15,273 lin. ft. 8-15 in. pipe, 1 Imhoff tank, sludge bed, well and pump. $60,000. C. L. Pillsbury Co., 1200 2nd Ave. S., Minneapolis, engrs. Noted Aug. 10.

Tex., Lubbock—Preparing plans sewage disposal plant, extensions to sewers and watermains. $100,000. Hawley & Sands, Cotton Exch. Bldg., Ft. Worth, engrs. Noted Aug. 3.

Wash., Tacoma—Passed resolution for storm and sanitary sewers in entire South Tacoma Dist. $950,000. J. C. Manley, city engr.

Tex., Ft. Worth—Takes bids about Sept. 5 for complete activated sludge disposal plant, necessary sewers, etc. $650,000. L. W. Lewis, city engr. Hawley & Sands, Cotton Exch. Bldg., consult, engrs.

Okla., San Springs—Making plans storm and sanitary sewers. $90,000 bonds voted. Holway Eng. Co. 329 Kennedy Bldg., Tulsa, engrs.

Colo., Denver—Plans 32,000 ft. 8 in. and 1,200 ft. 10 in. vitr. sewers in Berkeley Special Sanitary Dist. $49,000. A. K. Vickery, City Hall, engr.

Calif., Modesto—Bids for storm sewers in Dist. 4 were returned unopened, due to error in proceedings. New proceedings will be started. G. Freitas, city engr. Noted June 8.

Calif., El Segundo—Voted $200,000 bonds for sewerage system. A. W. Cory, city engr.

Que., Montreal—Plans 420 ft. of 12 in. tile pipe in Trudel Lane from St. Martin to Richmond Sts. $1,134, 1,916 ft. of 2 x 3 brick in Mariette St. from Sherbrooke St. to private lane to Trenholme Park, 10,255, 530 ft. of 2 x 3 brick in Hall Ave. from Dublin St. to Park Marguerite Bourgeois $2,823, 434 ft. of 12 in. tile in Park Marguerite Bourgeois from Hall to Fulford Sts. $1,165, 2,239 ft of 2 x 3 brick in Jacques Hertel St. from Monk Blvd to Orchard St. $19,542.

Ont., Fort Erie—Plans sewerage system. To exceed $30,000. J. W. Barnhart, reeve.

Ont., Preston—Plans sanitary sewers and ejector station, 6,000 ft. pipe, 8 in. up. $30,000. G. Wurster, town clk.

BIDS DESIRED

N. J., Hackensack—Sept. 25, by Hackensack Improvement Comn., Municipal Bldg., 346 State St., furnishing pumping equipment, incl. A. B. Wood patent trash pumps, motors, etc., Contr. No. 3. L. Lozier, Bank Bldg., Main and Mercer Sts.; adv. this issue.

N. J., Highland Park—See "Streets & Roads."

N. J., Little Falls—Sept. 6, by Little Falls Twp., extending sewerage system, enlarging sewage disposal works and constructing pumping station. H. J. Harder, 129 Market St., Paterson, engr.

Pa., Williamsport—Sept. 2, by G. K. Harris, supt. streets and improvements, terra cotta sanitary sewers, 557 ft. in Pearl St., 485 ft. in Hancock St., 120 ft. in South Hancock St., all 8 in. pipe, storm sewers, 490 ft. 42 in. pipe in Grafius Run, 3,000 ft. 18, 24, 27 and 30 in. pipe in West 4th St., monolithic concrete sewer across concrete bridge, 70 ft. 48 in. pipe, also 20 ft. rein.-con. span over Doughertys Run and 16 ft. span on Doughertys Run Rd. L. Mussina, city engr.

Pa., Upper Darby (Phila. P. O.)—Sept. 5, by Upper Darby Twp., 12,700 ft. 8-18 in vitr. sewers in various streets. $75,000. A. F. Damon, 69th St. Terminal, Phila., engr.

Fla., Jacksonville—Sept. 14, furnishing 1,250 ft. 6 in., 29,350 ft. 8 in. and 2,180 ft. 10 in. terra cotta pipe. W. E. Sheddan, city engr.

Fla., Jacksonville—Sept. 21, laying 8 in. rein.-con. sewers in Adams, Myrtle, Liberty, 21st, 22nd, Terrace, Cedar, Monroe, Hogan, Julia and Main Sts. $25,000. W. E. Sheddan, city engr.

Ky., Madisonville—Sept. 11, by Bd. Pub. Wks., 9.2 mi. 8-12 in. sanitary sewers. F. P. Stum, chn. Howerton-Tirsway Co., Asheville, N. C., engrs.; adv. this issue.

O., Lima—Sept. 9, at office of C. A. Bingham, city manager, constructing relief trunk sewers, Contrs. 9 and 11. B. F. Darling, superv. engr.; adv. this issue.

O., Sebring—Sept. 12, by J. G. Eardley, village clk., for sewage treatment plant. Burgess & Niple, 223 East Broad St., Columbus, engrs.; adv. this issue. Noted Jan. 19.

Mich., Springwells—Sept. 5, by B. P. Esper, village clk., Sect. 10 Sewer, 1,000 ft. 42 in. and 1,450 ft. 72 in. vitr. crock, segment block, brick or concrete, also Sect. 14 Sewer, 5,058 ft. 72 in. concrete, brick or segment block. A. Roth, village engr. C. W. Hubbell, consult. engr., both at 2348 Penobscot Bldg., Detroit.

Ill., Bloomington—Sept. 23, by Trustees Bloomington and Normal Sanitary Dist., 404 Unity Bldg., for Division St. sewer extension and Valley sewer overflow chamber. Taylor & Woltmann, 428 Unity Bldg., engrs.; adv. this issue.

Ill., Lake Forest—Sept. 28, by Bd. Trustees, North Shore Sanitary Dist. of Lake Co., Room 295 Anderson Bldg., 2 sewage treatment plants, pumping stations, settling tanks, etc. Pearse, Greeley & Hansen, 39 West Adams St., Chicago, engrs.; adv. this issue. Noted June 15.

Wis., Milwaukee—Sept. 8, by Metropolitan Sewerage Comn., 508 Market St., 7,000 lin.ft. 72 in. and 865 lin.ft. 36 in. concrete sewer in tunnel and appurtenances, from Humboldt Ave. and Lake St. to Adams Ave. on Port Washington Rd. J. H. Fowles, secy. I. C. Hatton, engr.

Kan., Wichita—Sept. 12, at office of E. S. Worrell, city clk., constructing storm water sewer No. 15. P. L. Brockway, city engr.; adv. this issue.

N. C., Kernersville—See "Waterworks."

BIDS RECEIVED

N. Y., Brooklyn—E. Rigelmann, boro pres., Boro Hall, opened bids Aug. 23, sewers in (1) Gravesend Ave., repairing sewer in (2) Foster Ave., (3) Greene Ave., etc., from O'Rourke Eng. Constr. Co., 17 Battery Pl., New York, (1) $372,409; Necaro Co., 94 Court St., (1) $438,999 (2) $104,060; J. F. Cogan Co., 233 Bway., New York, (1) $455,636 (2) $142,700; P. J. Donlon Contg. Co., Snyder Ave. and East 56th St., (2) $144,610; D. Bonnacci. 672 Mc-

Sewers (Continued)

Graw St., (3) $24,506; G. L. Schrade, (3) $29,125; Murphy Bros., 262 Bay 43rd St., (3) $29,473. Noted Aug. 17.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., alterations and improvements to sewer in West 57th St., etc., from Melrose Constr. Co., 103 East 125th St., $42,832; T. A. Reilly, 48 East 42nd St., $44,577; P. J. Donlon Contg. Co., Snyder Ave. and East 56th St., Brooklyn, $48,081. Noted Aug. 17.

CONTRACTS AWARDED

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., sanitary sewers and reconstructing existing sewers in Carmine St., etc., to Patrick McGovern & Co., 50 East 42nd St., $235,000. Noted Aug. 3.

Fla., Lake Worth—Sanitary sewerage system and septic tank, Sect. 1 and Sect. 2, to Bunker & Lockman, Lake Worth, $47,368 and $42,345. Noted July 13.

Mich., Detroit—To J. Porath, 745 Griswold St., Ashland Ave. Sewer, Sect. 1, $331,-251; A. Tobin, 449 West Columbia Ave., Ashland Ave. Sewer, Sect. 2, $276,439; Jeynes & Affeld, 1208 Ford Bldg., Clark Ave. Sewer, Sect. 5, $238,362; Connelly Bros., 610 Lincoln Bldg., Euclid Ave. Arm Bates St. Sewer, $56,556; Holbrook Ave. Arm Bates St. Sewer, $47,182; W. Porath, 1410 West Grand Blvd., Montcalm Ave. Arm Bates Sewer, $10,917.

Wis., Hawkins—Hawkins Electric Light & Power Co., will build 1 story, 34 x 152 ft., brick and steel power plant, by day labor. Archts. est. $40,000.

Wis., Milwaukee—Metropolitan Sewerage Comn. of Milwaukee Co., 508 Market St., extension to intercepting sewerage system to Shorewood and Whitefish Bay, 484 lin. ft. 18 in. c.i. siphon, 4,872 lin.ft. 42 in. concrete sewer, 206 ft. manholes, etc., to Knowles & Fehr, Inc., 314 North Dearborn St., Chicago, $149,300. Noted Aug. 10.

B. C., Chilliwack—Supplying and laying 6,000 ft. of 6-12 in. concrete pipe in Yale Rd. and Young St., and building small pumping station, to Hodgson, King & Marble, 626 Pender St. W., Vancouver, $23,924.

Waste Disposal

PROPOSED WORK

Pa., Ambridge—Plans garbage disposal plant. $15,000. Engineer not announced.

BIDS RECEIVED

Wis., West Allis—Bd. Pub. Wks., new unit, 5 ton capacity garbage incinerator, complete with building of sufficient size to permit an additional 15 ton unit when required, from Jones Odorless Crematory Co., 1317 Syndicate Trust Bldg., St. Louis, Mo., 15 ton, 2 unit plant $16,000; Vulcan Incinerator Co., St. Louis, Mo., $17,750; Nye Odorless Crematory Co., Georgia Life Bldg., Macon, Ga., $20,000. Noted Aug. 10.

Bridges

PROPOSED WORK

Rhode Island—State Bridge Comn., Providence, soon takes bids one 30 ft. arch, one 20 ft. and one 12 ft. slab bridges, concrete in Bristol, Hopkinton and South Kingstown. $25,000. C. L. Hussey, state bridge engr.

N. Y., Lindley—Plans new concrete or steel bridge over Cowanesque River. $25,000. A. Orr, superv.

N. J., Trenton—Mercer Co. takes bids in September for concrete viaduct over tracks of Pennsylvania R.R. and canal on Olden Ave. $200,000. J. A. Waddell, 35 Nassau St., New York City, engr. Noted May 25.

Pa., Honesdale—Wayne Co. plans reconstructing Holbertville Bridge, 55 ft. long, 16 ft. wide, $20,000. Equinunk Bridge, $10,000. Address B. Kukendall, Towanda.

Tenn., Knoxville—See "Railways under Tennessee."

Wash., Port Townsend—See "Streets and Roads."

Calif., Stockton—Having plans prepared two concrete pile trestles, one on either side of present street railway, 202 ft. long, over Mormon Channel, on Center St. W. B. Hogan, city engr.

BIDS DESIRED

Pa., Phila.—Sept. 8, by F. H. Caven, dir. Pub. Wks., removing steel girder bridge and piers and building 380 ft. new steel girder bridge encased in concrete, 80 ft. wide, 40th St. and Pennsylvania R. R. $350,000. S. Noyes, City Hall, engr.

Pa., Warren—Sept. 6, by Boro. Council, concrete, steel or other type bridge over Mill Race. $25,000.

Pa., Williamsport—See "Sewers."

Alabama—Sept. 26, by W. S. Keller, state highway engr., Montgomery, 6 concrete girder bridges, total length 640 ft., 18 ft. roadway, on Huntsville-Guntersville Rd., Madison Co., 1,700.27 cu.yd. concrete, 196,286 lb. reinforcing, 1,082 cu.yd. dry, 1,247 cu.yd. wet and 78 cu.yd. rock excav., 822 sq.yd. 4 in. concrete surfacing, etc.

Wis., Wauwatosa—Sept. 6, by W. Cary, clk. Milwaukee Co., Milwaukee, for 80 ft. rein.-con. arch span, over West Main St., 40 ft. roadway, two 11 ft. sidewalks, for city and Milwaukee Co. $35,000-$40,000.

Ia., Montezuma—Sept. 5, by Auditor Poweshiek Co., for 26 culverts and extensions. C. E. Olson, co. engr.

Minn., Duluth—Sept. 7, by F. W. Borgen, aud. St. Louis Co., 5 bridges as follows: Bridge 1-8.20-1 on Marcon Rd., 35 ft., T beam, concrete and steel, $4,500; Bridge D.2-25-1 on Shillihon Rd., 100 ft., concrete with earth approach, $8,500; Bridge C. 7-27-1 on Bear Trap Rd., 27 ft., T beam, concrete and steel, $4,000; Bridge D.O. 12-1, on Co. Ditch Rd., two 35 ft. T beams, concrete and steel, $9,000. R. W. Acton, Co. engr.

BIDS RECEIVED

Del., Laurel—State Hy. Dept., Dover, opened bids Aug. 23, 1 span Scherzer rolling lift bridge in Laurel, superstructure only, from A. S. Fox & Co., Callahan Bank Bldg., Dayton, O., $24,384; R. J. Mansfield, 135 William St., New York City, $25,471; Penn Bridge Co., Beaver Falls, Pa., $29,-750.

Illinois—Dept. Pub. Wks. and Buildings, Div. Highways, Springfield, opened bids Aug. 18, following bridges, (1) 2 concrete substructures for steel and 4 concrete spans Route 1, Sect. 29-B, Saline Co., (2) superstructures for steel Route 1, Sect. 29-C, Saline Co., (3) 2 steel and 2 concrete spans Route 1, Combination S, Saline Co., (4) 1 concrete, Route 1, Sect. 30-B, Saline Co., (5) 4 concrete Route 1, Sect. 31-B, Saline Co., (6) 2 concrete substructures for steel and 9 concrete Route 1, Combination T, Saline Co., (7) 2 steel and 9 concrete Route 1, Combination V, Saline Co., (8) 7 concrete Route 1, Sect. 33-B, Saline Co., (9) 1 steel superstructure Route 1, Sect. 33-C, Saline Co., (10) 1 steel and 7 concrete Route 1, Combination V, Saline Co., (11) 2 concrete Route 1, Sect. 34-B, Williamson-Johnson Co., (12) 9 concrete Route 1, Combination W, Williamson-Johnson Co., (13) 1 steel and 9 concrete Route 1, Combination X, Williamson-Johnson Co., (14) 2 concrete Route 1, Sect. 37-B, Johnson Co., (15) 11 concrete Route 1, Combination Y, Williamson-Johnson Co., (16) 1 steel and 11 concrete Route 1, Combination Z, Williamson-Johnson Co., (17) 1 steel superstructure Route 1, Sect. 46, Iroquois Co., (18) 9 concrete Route 3, Sect. 8-B, Rock Island Co., (19) 4 concrete Route 3, Sect. 37-B, McDonough Co., (20) 2 concrete Route 3, Sect. 71-B, Randolph Co., (21) 1 steel superstructure Route 4, Sect. A1, Cook Co., (22) repairs to 1 steel Route 7, Sect. B-1, La Salle Co., (23) 1 substructure for steel, Route 8, Sect. 32-B, Woodford Co., (24) 1 superstructure for steel Route 8, Sect. 32-C, Woodford Co., (25) 3 concrete Route 12, Sect. 15-B, Marion Co., (26) 1 concrete Route 20, Sect. 12-B, Lake Co., (27) 3 concrete spans Federal Aid Project 26, Sect. 20-B, Logan Co., (28) 1 steel superstructure, Route 26, Sect. 20-C, Logan Co., (29) 1 steel and 2 concrete Route 26, Combination A-1, Logan Co., (30) 2 bridges Route 30, Sect. 17-B, Will Co., (31) 4 concrete spans and 1 concrete bridge Route 33, Sect. 43-B, Fulton Co., (32) 1 steel superstructure Route 33, Sect. 43-C, Fulton Co., from: W. H. Shons, 109 Spring St., Freeport, (1) $26,546, (5) $15,390, (8) $30,644, (22) $990, (26) $20,543, (27) $15,617.

D. Jenkins, Terre Haute, Ind., (1) $22,-681, (8) $26,607.

Rauth Bros. & Ackers, Ottumwa, Ia., (1) $27,767, (11) $5,950, (14) $10,893, (19) $13,584, (20) $26,243, (26) $17,988.

International Steel and Iron Co., 1243 Edgar St., Evansville, Ind., (2) $16,386, (9) $6,480, (17) $4,224, (32) $4,910.

Rochester Bridge Co., Rochester, Ind., (2) $16,071, (9) $6,482, (17) $4,462, (21) $11,772, (24) $10,035, (28) $8,350, (32) $4,765.

St. Louis Structural Steel Co., Bank of Commerce Bldg., St. Louis, Mo., (2) $16,-665, (24) $10,462.

M. and P. Montg. Co., Rockford, (4) $3,414, (6) $55,000, (11) $6,077, (14) $11,-598, (15) $50,000.

W. C. Johnson, 512 South High St., Belleville, (4) $3,845, (7) $74,000, (16) $65,000, (20) $26,054, (25) $19,208, (29) $27,000.

R. W. Cropper Eng. Co., Chicago, (street address not available), (5) $15,603, (7) $32,268.

Mississippi Valley Structural Steel Co., Decatur, (9) $7,014, (28) $8,413.

Coopers Constr. Service Co., St. Louis, Mo., (street address not available), (11) $6,773, (14) $11,614.

Continental Bridge Co., 460 Monadnock Blk., Chicago, (17) $4,193.

J. R. Sterns, Kirkwood, (18) $15,358, (27) $16,202.

Howard Constr. Co., Rock Island, (18) $13,315.

Layton Constr. Co., Muscatine, Ia., (18) $6,604.

D. Alford, Cuba, (19) $12,861, (31) $21,392.

H. C. Holmes, Macomb, (19) $12,104.

L. Richards, Hoopeston, (20) $24,151.

Standard Eng. and Constr. Co., Toledo, O., (street address not available), (21) $12,616.

Joliet Bridge and Constr. Co., Joliet, (22) $1,880.

McCoy & Whitnell, St. Louis, Mo., (street address not available), (23) $16,144.

Porter McCully Co., Mackinaw, (23) $16,051.

Hedges Constr. Co., 111 West Washington St., Chicago, (23) $13,871.

Clinton Bridge Wks., Clinton, Ia., (24) $10,609.

Zimmerly Bridge Co., Paris, (25) $18,970.

J. C. Beekenmeyer, Carlinville, (25) $18,313.

Dow & Jacobson, Waukegan, (26) $22,999.

G. C. Fairels, Milburn, (27) $14,416.

Illinois Steel Bridge Co., Jacksonville, (28) $8,150, (32) $4,553.

Powers & Thompson, Joliet, (30) $16,030.

F. Lorenz, Oak Glen, (30) $9,101.

D. Kiel, Long Point, (31) $15,488. Noted Aug. 3.

Tex., Hallettsville—See "Streets and Roads."

CONTRACTS AWARDED

N. Y., Ballston Spa—J. H. Whitney, clk. Saratoga Co., for Saratoga Lake Bridge, steel, over narrows at north end of Saratoga Lake, to Brann & Stuart Co., Inc., 310 Commercial Trust Bldg., Phila., $111,102. Noted July 27.

North Carolina—State Hy. Dept., Raleigh, rein.-con. bridges and culverts on State Project 131, Gates Co., to W. D. Murray-Sadler Corp., Norfolk, Va. (street address not available), $33,196. Noted Aug. 3.

Fla., Miami—Bridge over Miami River at Southwest 2nd Ave., to Comer-Ebsary Foundation Co., Miami, $144,090. Noted Aug. 10.

Tenn., Maynardville—Union Co. concrete bridge, two 155 ft. spans, solid rock foundation, at Witts Ferry, to Rhoel & Steel, Holston Bank Bldg., Knoxville, $24,876.

Ia., Marshalltown—Marshall Co., 22 culverts, 2 slab bridges and 2 I-Beam bridges to Ingersoll-Stoufer Eng. Co., Marshalltown, $25,000. Concrete figures $20.03 per cu.yd.

Tex., New Boston—O. B. Pirkey, judge Bowie Co., steel span—timber trestle over Sulphur River, 1.5 mi. incl. approaches, 150 ft. steel span over main channel, concrete piers, etc., to Smith Bros., 313 Sumpter Bldg., Dallas. $95,582. Engrs. est. $105,-140. Noted July 27.

California—State Hy. Comn., Sacramento, rein.-con. girder bridge, over San Gabriel River, near Azusa, Los Angeles Co., to D. A. Foley & Co., Aitkin, Minn., $124,-089. Noted July 27.

B. C., Vancouver—Burrard Inlet Bridge & Tunnel Co., North Vancouver, bridge over Second Narrows, Burrard Inlet to connect Vancouver and North Vancouver incl. 303 ft. solid embankment, 250 ft. timber trestles, 436 ft. steel girders, bascule bridge with 185 ft. lift span, 1 mi. single track railway with 50 ft. walk on each side, three 60 ft. steel girder bridges with concrete abutments on North Vancouver side, and ¾ mi. roadway on Vancouver side, to McClintic Marshall Constr. Co., Pittsburgh, $1,241,530.

Dams

CONTRACTS AWARDED

Conn., Orange—New Haven Water Co., 100 Crown St., New Haven, raising Dam No. 2 at Maltby Lakes, here, increasing volume of reservoir, will be raised 5 ft. all along, to C. W. Blakeslee & Sons, 57 Waverly St., New Haven. Engrs. est. $50,000.

B. C., Stave Falls—British Columbia Ry. Co., Hastings and Carrol Sts., Vancouver, will build concrete dam, 640 ft. long, 50 ft. high, with sluices, gates, etc., also raising existing dam 14 ft., by day labor. $900,-000. J. J. Newell, c/o owners, engr.

Railways

PROPOSED WORK

Tennessee—Knoxville & Carolina R.R., 847 Main St., Knoxville, plans placing 25,000 cu.yd. ballast, improving trestles and bridges, steel girders with concrete foundations. $100,000. C. A. Murphy, supt.

Michigan—Ann Arbor R.R., Owosso, having plans prepared 6 mi. industrial branch from Coldwater Lake to Mt. Pleasant. $200,000. C. Allen, Owosso, ch. engr.

BIDS DESIRED

Ontario—See "Miscellaneous"—Railroad ties—Toronto.

CONTRACTS AWARDED

New York—Transit Comn., 49 Lafayette St., New York, installing tracks for portion of 14th St.-Eastern Line, in Boroughs of Manhattan and Brooklyn, to **T. H. Reynolds** Constr. Co., 50 Park Pl., New York. $241,470. Noted Aug. 24.

Texas—F. Kell, Wichita Falls, general contractor for 13.2 mi. railroad construction between Byers, Clay Co., Tex., and Waurika, Jefferson Co., Okla. The 6 mi. on the Texas side to Texas-Oklahoma line at Red River is known as Wichita Falls and Oklahoma Ry. Co. and that portion from Red River to Waurika on Oklahoma side is known as Wichita Falls and Oklahoma R.R. of Oklahoma. Construction on this line has been let as follows: Grading, incl. 325,000 yd. embankment and excavation, to L. M. Kirkes; 15 mi. main line and side tracks, 4,700 ft. bridging (4,300 ft. of this being in Red River bridge), one 125-ft. steel span on concrete piers with pile trestle over Beaver Creek at Waurika, to F. W. McCabe. This corrects report in July 20 issue.

California—Western Pacific Ry. Mills Bldg., San Francisco, grading, ballasting and laying tracks on 6 mi. road, near Stockton, to be known as North Channel Spur, to Utah Constr. Co., Phelan Bldg., San Francisco, $350,000.

Excavation, Drainage, Irrigation

PROPOSED WORK

Fla., Ft. Lauderdale—Bd. Comrs. Broward Co., rejected bids opened Aug. 15, constructing inlet from New River Sound to Atlantic Ocean, near here. G. B. Hills Co., Jacksonville, engrs. Noted July 13.

La., Arabi—State Hy. Comn., Redmond Bldg., Baton Rouge, and St. Bernard Parish plan to drain Arabi and surrounding section by a 3 mi. canal, 35 ft. wide, starting from Amer. Sugar Refinery property, leading to Bayou Bienvenu. Cost between $30,000 and $35,000. D. Buie, state engr. F. Joachim, police juror of St. Bernard Parish.

Calif., Gridley—Sutter-Butte Canal Co., having plans prepared extending Encinal Ditch, to irrigate 10,000 acres, 7 mi. long, concrete lined; also 5 mi. extension to "C" Line Ditch. N. Ware, Gridley, ch. engr. Noted June 29.

Calif., Paradise — Paradise Irrigation Dist. soon takes bids laying about 13,000 lin.ft. of 36 in. pipe line, and several thousand feet distributing mains, mostly 4 in. $70,000.

Ont., Prairie Siding—Kent Co., Chatham, plans drainage pumping system incl. pumphouse, pumps, etc., to replace one destroyed by fire. $28,000. Prices wanted on equipment. J. Gosnell, County Bldg., Chatham, engr.

Ont., Queenston—Hydro Electric Power Comn., University Ave., Toronto, plans 20 mi. canal, 80 ft. wide from here to Niagara Falls, generating 1,000,000 additional hp. $100,000,000. F. A. Gaby, University Ave., Toronto, ch. engr.

BIDS RECEIVED

R. I., Providence—Bd. Contract and Supply, opened bids Aug. 21, excavating and filling at Municipal Wharf, Fields Point, 70,000-80,000 cu.yd. dry excav., from Wilson & English, 50 Church St., New York City, $0.3125 per cu.yd. (steam shovel); Briggs Eng. and Constr. Co., 710 Union Trust Bldg., $0.32 per cu.yd. (steam shovel), $0.24 per cu.yd. (hydraulic); W. Aubin, Woonsocket, $0.3475 per cu.yd. (steam shovel). Engrs. est. $25,000.

Streets and Roads

PROPOSED WORK

Rhode Island—State Bd. Pub. Roads, Providence, plans improving 1¼ mi. Smithfield and Branch Aves. from Pawtucket line to Central Falls line, in Lincoln; 2⅜ mi. Apponang Rd. from Pawtuxet to Norwood, in Warwick; 1⅜ mi. Ten Rod Rd. from Wickford Junction to Collation Corners, in North Kingstown; 1¼ mi. Child St., in Warren; 6 mi. Putnam Pike, in Gloucester; 2¼ mi. road from Usquepang to West Kingston, in South Kingstown; all 18 ft.

N. Y., Niagara Falls — Rejected bids opened Aug. 1, paving James Ave. from Lewiston Rd. to Washington St., also Whitney Ave. from 22nd to 24th Sts., sheet asphalt, vertical fibre brick or warrenite bitulithic.

N. Y., Rochester—Plans paving Versailles Rd., warrenite bitulithic. $44,300, Navarre Rd., bithulithic, $17,900, Alcazar St., bitulithic, $9,400, Industrial St., asphalt, $30,000, Oak St., asphalt, $13,700, North Union St., asphalt, $16,600, Parsells Ave., asphalt, $2,600, Burkhard Pl., asphalt, $6,500; widening Field Rd., $20,000, Lawn St., $26,000; extending Almira St., $5,000; resurfacing Phelps Ave., asphalt, $4,500, Oak St., asphalt, $5,500; grading, laying sidewalks and sewers in Riddle St., $8,540, Taft St., $1,090; Rosewood Terrace, $1,000. C. A. Poole, city engr.

N. J., Mays Landing—Atlantic Co. rejected bids opened Aug. 9, reconstructing Sect. 6 of Route 14, Hamilton Twp., 8,123 sq.yd. warrenite bitulithic on concrete. Will readvertise. A. H. Nelson, 636 Guarantee Trust Bldg., Atlantic City, co-engr. Noted July 27.

Pa., Beaver—Soon takes bids paving and curbing Elliott Ave., probably brick. $60,000. A. W. Anderson, Municipal Bldg., Engr.

Pa., Pittsburgh—Plans grading, paving and curbing South Murtland and Bryant Sts., 38 and 44 ft., $26,000; Edgerton Ave. from South Dallas to Lloyd Sts., 44 ft., $25,000.

Pa., Taylor—Plans grading, paving and curbing, $24,000; improving sewerage system, $9,000; swimming pool and other improvements to park, $2,000.

North Carolina—State Hy. Comn., Raleigh, soon takes bids extending road 1⅜ mi. between Sanford and Jonesboro, State Project 446, Lee Co., 18 ft., 3,000 cu.yd. excav., 15,800 sq.yd. concrete or asphaltic paving. C. M. Upham, state highway engr.

N. C., Hendersonville—Henderson Co. plans constructing secondary and lateral roads or main highway from Buncombe Co. line to South Carolina line. $590,000. W. T. Bane, Route 3, Chn. Co. Hy. Comn.

N. C., High Point—Plans opening up, grading and paving new street connecting Jordan and Rankin Sts., also bridge over Southern Ry. $35,000.

N. C., Louisburg—Plans concrete paving various streets. $25,000. M. S. Davis, Louisburg, engr.

N. C., Maxton—Plans concrete or asphaltic paving various streets. $50,000. Mees & Mees, Charlotte, (street address not available), engrs.

Fla., Clearwater—Bd. Comrs. Pinellas Co., rejected bids which were to be opened Aug. 17, improving Haines Rd., as bond issue was defeated. C. E. Burleson, Clearwater, engr. Noted Aug. 10.

Ohio—Dept. Highways and Pub. Wks., Columbus, rejected bids opened Aug. 11, grading, bridging and paving 6.322 mi. Sect. "L" Mt. Gilead-Mansfield Rd., Morrow Co., Kentucky rock asphalt, bituminous concrete or rein.-con. Noted Aug. 17.

O., Youngstown—Plans cement sidewalks on 17 streets. $25,000. I. Turner, city engr.

Indiana—State Hy. Comn., Indianapolis, rejected bids surfacing 8.877 mi. French Lick Rd., 16 ft., Dubois Co., 95,627 sq.yd. concrete on concrete, 135,428 cu.yd. earth excav., 84,149 lb. steel. $114,240. Will readvertise. Noted Aug. 3.

Indiana—State Hy. Dept., Indianapolis, plans hard surfacing 11.2 mi. State Rd. 6, Marion Co.; 8 mi. State Rd. 10, and 7 mi. State Rd. 4, Vanderburg Co.; 11.5 mi. State Rd. 1, St. Joseph Co.; 26 mi. State Rd. 1, Jackson Co.; 12 mi. State Rd. 2, Allen Co.; 24 mi. State Rd. 1, Hamilton Co. All 16 ft. C. Gray, state engr.

Michigan—State Hy. Dept., Lansing, soon takes bids grading and gravel surfacing 12 mi. Federal Aid Project 80, Sects. A and B, 18 ft., Machinac Co. F. F. Rogers, state highway comr.

Wis., Edgerton—Making plans paving 1.1 mi. Albion Rd., Victoria and Randolph Sts., 28 ft., one course rein.-con., concrete curb and gutter, $30,000. A. W. Ely, 29 West Milwaukee St., Janesville, Engr.

Ia., Albia—Rejected bids opened Aug. 21 for 11,000 sq.yd. paving and 3,200 lin.ft. curb and gutter. Will revise plans. $30,000. M. G. Hall Co., Centerville, engrs. C. C. Atchison, clk. Noted July 20.

Ia., Ft. Dodge—Making plans paving 11 blocks 11th Ave. S., between 10th St. and Central Ave., 7th St. S.W., between 11th Ave. and 7th St. viaduct. $40,000. H. C. Reynolds, city engr.

Minn., Waseca—Waseca Co. rejected bids opened Aug. 22, 11 mi. State Rd. 3, Job 2205, 13,800 c.yd. gravel surfacing. Noted Aug. 10.

Kan., Ft. Scott—Plans paving National Ave. section of Judson, Cranford and Main Sts. $28,252. N. Welsh, city engr.

Neb., Lincoln—Passed ordinance paving in Dist. 507, about 30 blocks. G. W. Bates, city engr.

N. D., Hillsboro—Plans paving 10 blocks, $30,000. N. G. Nyhus, city aud.

Tex., Alpine—Brewster Co. to vote on $300,000 bonds Sept. 16, grading and gravel surfacing 80 mi. State Highway 12. J. M. Pouncey, secy.

Tex., Clarksville—Red River Co. making plans grading and graveling 14.2 mi. State Highway 5 extending from Clarksville to Paris, 12 ft. $122,435. J. B. Rieman, co. engr.

Tex., Johnson City—Blanco Co. making plans grading, gravel and adobe surfacing building structures and five 20 ft. bridges on 8.71 mi. Austin Fredericksburg Highway, East from Killespie Co. line, 16 ft., $61,842. M. W. Schofield, co. engr.

Tex., Johnson City—Blanco Co. making plans grading, gravel and adobe surfacing, etc., incl. 2 bridges on 6 mi. State Highway 20-A, between here and Hays Co. line, 16 ft. $40,713. M. W. Schofield, co. engr. Noted July 6.

Tex., Laredo—Webb Co. making plans grading, surfacing with bituminous macadam, and building steel and concrete structures on 23 mi. Laredo-Mirando City Pike, 16 ft., $150,000. E. J. Foster, Laredo, engr. Noted May 25.

Tex., Richmond—Fort Bend Co., preparing plans grading and surfacing 10.4 mi. State Highway 19 between Bragoria and Harris Counties, 18 ft., gravel with 1 in. bituminous topping. $150,000. C. H. Kendall, co. engr.

Wash., Port Townsend—Jefferson Co. soon receives bids reconstructing 1 mi. Olympic Highway from Brinnon eastward, incl. bridge across Dosewallips. $70,000. C. L. Peach, Port Townsend, engr.

Calif., Berkeley—Had plans prepared improving Telegraph Ave. from south city limits to Dwight Way, 21,400 sq.ft. grading, 202,700 sq.ft. 5 in. asphaltic concrete base wth 2 in. asphaltic concrete surface, 9,340 ft. concrete curb and gutter, 2 concrete catchbasins. C. L. Huggins, city engr.

Calif., Fresno—Had plans prepared improving N. St. and Butler Ave. between Stanilaus and O Sts., 322,910 sq.ft. grading, 300,220 sq.ft. asphaltic pavement, 21,785 sq.ft. concrete gutter, 11,968 lin.ft. concrete curb, 5,418 sq.ft. cement walks, 819 lin.ft. corrugated metal culvert, 12 manholes. W. Stranahan, city engr.

Calif., San Francisco—City and San Francisco Co. having plans prepared grading and paving north section Sloat Blvd. between 19th and 35th Aves. $54,000. M. M. O'Shaughnessy, city engr.

Calif., Santa Rosa—Sonoma Co. rejected bids 1.71 mi. Two-Rock-Tomales Rd., 3,500 cu.yd. excav., 1,340 cu.yd. crushed rock, 16,070 sq.yd. asphaltic surfacing; 1.5 mi. Dry Creek Rd., 4,000 cu.yd. excav., 1,340 cu.yd. crushed rock, 15,800 sq.yd. asphaltic surfacing. Work will be done by day labor. R. P. Smith, co. surv.

Ontario—Provincial Hy. Dept., Toronto, plans 6 mi. concrete highway between Lambeth and Talbotville, Elgin and Middlesex Counties. $400,000.

BIDS DESIRED

Conn., Stratford—Sept. 8, constructing Telford Rd. on West Broad St. between Barnum and Linden Aves., R. H. Hunter, town mgr.; adv. this issue.

N. Y., Buffalo—Sept. 5, by Bd. Supervs. Erie Co., City and County Hall, paving 5,200 ft. Lake Rd. 98 (Angola on Lake). 20 ft., 6,400 lin.ft. concrete curb, 9,300 cu.yd. dry earth excav. and 12,100 sq.yd. concrete. To exceed $25,000. G. C. Diehl, Ellicott Sq. Bldg., engr.

N. Y., Mamaroneck—Sept. 11, at office of F. L. Merritt, clk. Bd. Supervs., Westchester Co., Court House, White Plains, improving Mamaroneck Ave. from Washington Sq. north to County Highway 1581, here; adv. this issue.

N. Y., Richmond Hill—Sept. 7, by Dept. Parks, Municipal Bldg., New York, improving main drive in Forest Park from Forest Parkway to Woodhaven Ave., here. F. D. Gallatin, pres.

N. Y., Yonkers—Sept. 11, at office of F. L. Merritt, clk. Bd. of Supervs., Westchester Co., Court House, White Plains, improving 0.57 mi. Palmer Ave. from Central Ave. west to Miles Square Rd.; adv. this issue.

N. J., Burlington—Sept. 5, by W. W. Marrs, city clk., for 14,500 sq. ft. concrete sidewalk, repairing 5,000 sq.ft. brick and flag sidewalk, 600 lin.ft. concrete curb, re-

Streets and Roads (Continued)

setting 2,500 lin.ft. stone curb, 100 cu.yd. grading, 1,000 sq.yd. cinder foundation and 5,000 new paving brick. B. A. Sleeper, Burlington, engr.

N. J., Highland Park—Sept. 5, by Mayor and Borough Council, Borough Council Chambers, 10 North 2nd Ave., constructing pavement on Montgomery and Johnson Sts., Cedar, Adelaide, South 6th Aves., also storm sewer in Cedar Ave. R. P. Wilson, 46 Paterson St., New Brunswick, civil engr.; adv. this issue.

Pa., Ebensburg — Sept. 6, by Supervs. Cambria Twp., c/o H. T. Jones, controller Cambria Co., reconstructing 161,000 lin.ft. Wimore Rd., vitr. brick on concrete. Owen & Plummer Inc., Otto Bldg. Johnstown, engrs.

Pa., Ebensburg—Sept. 11, by G. Prindible, burgess, c/o Controller Cambria Co., paving 2,513 lin.ft. Beech Ave., 20 ft., vitr. brick on concrete, with raised stone curb or one course concrete and hillside vitr. brick with raised concrete curb. $30,000. J. F. Blankenkom, c/o Clay Mfg. Co., Patton, boro clk.

Maryland—Sept. 13, by State Roads Comn., Baltimore, building 4 sections state highway, Howard Co., Contr. HO-23; Harford Co., Contr. H-29; Prince George Co., Contr. P-37; Calvert Co., Contr. C-14; J. N. Mackall, chn.; adv. this issue.

N. C., Nashville—Sept. 4, by Nash Co. Hy. Comn., constructing 18 mi. sand-clay or gravel road from Nashville via Stricklands Mill to Baileys. $80,000. W. S. Wilkerson, Nashville, Chn. Noted April 6.

S. C., Anderson—Oct. 3, by Anderson Co. Hy. Comn. grading, surfacing and bridging 8 mi. section of Anderson-Liberty Rd., 48,218 cu.yd. common and 1,200 cu.yd. rock excav., 24,135 cu.yd. topsoil, 1,142 lin.ft. rein.-con. pipe, 221 cu.yd. concrete, 262 sq.yd. bituminous pavement, etc. W. A. Sanders, Anderson, engr.

S. C., Charleston—Sept. 7, by Sanitary & Drainage Comn., improving 9.55 mi. road between Tide Water Creek and Atlantic Coast Line Crossing near Maggetts, Charleston Co., 62,190 cu.yd. excav., 88,426 sq.yd. plain concrete and 12,420 sq.yd. rein.-con. surfacing, 807 lin.ft. rein.-con. pipe, 52.8 cu.yd. concrete headwalls, etc.; 10.7 mi. section of Mt. Pleasant-McClellanville Rd., 38,658 cu yd. excav., 15,694 cu.yd. shell surfacing, compacted, 114.95 cu.yd. concrete, etc. J. W. Martin, 39 Broad St., engr.

S. C., Sumter—Sept. 7, by Sumter Co. Permanent Rds. Comn., hardsurfacing 4.3 mi. Bishopville Rd., 6.1 mi. Sumter-Manning Rd., 4.3 mi. Pinewood Rd., 4.2 mi. Camden Rd., 4.3 mi. Mayesville Rd.; grading and surfacing 4.31 mi. section of Sumter-Mayesville Rd., 6,720 cu.yd. excav., 46,196 sq.yd. plain concrete surfacing or 5 in. concrete base and header with either asphaltic concrete or sheet asphalt surface, etc. Lee, Pennell & Murray, Sumter, engrs.

Fla., DeLand—Sept. 7, by Bd. Comrs. Volusia Co., paving with 6 in. rock base, rolled, oiled and sounded, alternate of 7 in. rock base, 17 mi. Sect. Dixie Highway between Tarvia Rd. south to Brevard Co. line, $136,000; 5 mi. sect. Dixie Highway from Rose Bay to New Smyrna, $350,000; 30 mi. New Smyrna-Osteen Ferry Rd., $240,000. Engineer not announced.

Alabama—Sept. 26, by W. S. Keller, state highway engr., Montgomery, grading and gravel surfacing 8.99 mi. Jasper-Birmingham Highway from Warrior River to Jefferson Co. line, Walker Co., 58 acres clearing, 40,538 cu.yd. common and 22,208 cu.yd. solid rock excav., 2,948 sta.yd. overhaul, 778.96 cu.yd. concrete, 55,648 lb. reinforcing, 10,272 cu.yd. washed Warrior River gravel for surfacing within 1 mi., 15,249 cu.yd. shipped pit gravel within 1 mi., 67,101 one-half mi. units additional haul, etc.; surfacing, grading and bituminous macadam, 6.87 mi. Decatur-Moulton Rd., Lawrence Co., 24 acres clearing, 58,853 cu.yd. common excav. and borrow, 4,000 cu.yd. solid rock excav., 47,500 sta.yd. overhaul, 1,339.16 cu.yd. concrete, 25,940 lb. reinforcing, 16,125 cu.yd. crushed stone base, 64,600 sq.yd. 2½ in. bituminous macadam, penetration method, etc., 7.648 mi. sect. Huntsville-Guntersville Rd., Madison Co., 21 acres clearing, 24,105 cu.yd. common excav. and borrow, 15,855 cu.yd. solid rock excav., 638.67 cu.yd. concrete, 50,070 lb. reinforcing, 23,800 sq.yd. 2½ in. bituminous macadam, penetration method, 5,850 cu.yd. crushed stone base, 14,430 cu.yd. local gravel surfacing within 1 mi., 60,000 one-half mi. units additional haul.

O., Akron—Sept. 6, by M. P. Tucker, dir. Pub. Serv. grading and laying sidewalks on 2,200 ft. Lakemont and Hillcrest Sts., $12,000. 3,500 ft. Englewood Ave., $19,000; grading and paving 2,800 ft. North Main St., 54 ft., $70,000; grading, paving and laying sidewalks on 1,000 ft. Middlebury Ave., 24 ft., $12,000, 2,000 ft. Aqueduct St., 28 ft., $38,000. E. A. Kemmler, Delaware Bldg., engr. Noted Aug. 24.

O., Akron — Sept. 7, by S. Porter, clk. Summit Co., grading and paving 1.32 mi. Brittain Massillon Rd., Sect. B-2, 16 ft., 12,250 cu.yd. excav., 12,500 sq.yd. rein.-con., $45,762; 1.19 mi. Richfield-Hudson Rd. 19, Sect. A, 16 ft., 7,500 cu.yd. excav., 11,250 sq.yd. 3 in. bituminous macadam on 5 in. waterbound macadam, $26,131. J. Weaver, co. engr.

Ind., Angola—Sept. 2, by Comrs. Steuben Co., grading and graveling 15,370 ft. Lynn Collins Rd., 18 ft. $26,500. F. Hubbel, Angola, engr. Noted Aug. 24.

Ind., Goshen—Sept. 4, by Comrs. Perry Co., surfacing 3 mi. Henry Parks Rd., 18 ft., crushed stone. $26,300. M. M. Groves, Cannelton, engr.

Ind., Goshen—Sept. 6, by Comrs. Elkhart Co., paving 13,444 ft. "V" Road, 18 ft., crushed stone. $27,000. C. L. Kinney, Goshen, engr.

Ind., Greencastle — Sept. 2, by Comrs. Putnam Co., macadam surfacing 7,921 ft. James B. Scott Rd., 16 ft., 14,071 sq.yd. bituminous concrete on concrete. $31,000. A. Plummer, Greencastle, engr. Noted Aug. 24.

Ind., Lawrenceburg—Sept. 4, by Comrs. Dearborn Co., paving 31,498 ft. Jacob Hoffmeier Rd., 16 ft., broken stone. $42,000. H. Fitch, Lawrenceburg, engr. Noted Aug. 24.

Ind., Marion—Sept. 5, by Comrs. Grant Co., paving 10,600 ft. Lewis E. Bryant Rd., 16 ft., 19,730 sq.yd. asphalt on concrete, $44,500; 14,237 ft. J. C. Lake Rd., 16 ft., 25,547 sq.yd. asphalt on concrete, $52,000. G. Swisher, Marion, engr. Noted Aug. 24.

Ind., Monticello—Sept. 5, by Comrs. White Co., paving 12,880 ft. Charles E. Carlson Rd., 16 ft., broken stone, $26,595; grading and gravel surfacing 15,731 ft. Robert Chamberlain Rd., 16 ft., $25,703. G. A. Thomas, Monticello, engr.

Ind., Spencer—Sept. 5, by Comrs. Owen Co., limestone surfacing 26,400 ft. William Grant Rd., 16 ft. $29,000. L. Drescher, Spencer, engr.

Ind., Winamac—Sept. 5, by Comrs. Pulaski Co., grading and graveling 23,892 ft. R. A. Phillips Rd., 16 ft. $31,000. R. E. Nutt, Winamac, engr. Noted Aug. 24.

Michigan—Sept. 11, by State Hy. Dept., Lansing, grading and surfacing 3.992 mi. State Trunk Line Rd. 22-6, Sect. A, 16 ft., Benzie Co., 25,342 cu.yd. excav., 37,469 sq. yd. gravel. F. F. Rogers, state highway comr.

Michigan—Sept. 12, by State Hy. Dept., Lansing, grading and surfacing 5.187 mi. State Trunk Line Rd. 14-5, Sects. A and B, 16 ft., Clare Co., 12,194 cu.yd. excav., 48,608 sq.yd. gravel. F. F. Rogers, state highway comr.

Ia., Manchester—Sept. 1, by Auditor Delaware Co., grading 12.54 mi. Primary Rd. Project 236, radiating north and west of here, 156,697 cu.yd. earth and 1,530 cu.yd. loose rock excav., 73,539 lin.ft. 6 in., 2,310 lin.ft. 8 in. and 500 lin.ft. 12 in. tile, etc.; gravel surfacing 12,444 mi. Federal Aid Project 103, from here south to county line.

Ia., Montezuma — Sept. 5, by Auditor Poweshiek Co., grading 8.092 mi. Primary Project 247, from northwest of Malcom north to Tama Co. line, 92,079 cu.yd. earth excav., 18,854 lin.ft. 6 in. tile, etc. C. E. Olson, co. engr.

Minnesota—Sept. 18, by State Hy. Dept., St. Paul, 15.6 mi. State Project 6-07, Federal Aid Project 291, 177,000 cu.yd. excav., culverts, 3 bridges, $42,000; 9 mi. State Project 6-08, Federal Aid Project 270, 102,365 cu.yd. excav., monolithic and port culverts, $25,000, both in Lincoln Co. J. C. West, Ivanhoe, and State Hy. Dept., 1246 University Ave., St. Paul, engrs.

Tex., Palo Pinto—Sept. 6, by E. L. Pitts, judge Palo Pinto Co., improving State Highway 1, Sect. A, 87.81 acres clearing and grubbing, 47,234 cu.yd. road excav., 94,113.3 cu.yd. borrow, 26,701.2 cu.yd. overhaul, 15,875.2 cu.yd. loose and solid rock excav., 5,079 cu.yd. ditch excav., 127,753.6 cu yd. crushed stone hauled, 114,738 sq.yd. bituminous surface, 268,648 lb. reinforcing, 2,921.25 cu yd. class A and class B concrete. G. W. Courter, Palo Pinto, engr.

Colo., Denver—Sept. 6, by Dept. Impvts. and Parks, 21,400 sq.yd. asphalt paving, in Capital Hill Paving Dist. 1. $42,620. A. K. Vickery, City Hall, engr.

Utah—Sept. 5, by State Road Comn., Salt Lake City, grading and gravel surfacing 9.02 mi. road from Millard Co. line to Levan, Juab Co. $49,724. H. C. Means, state road engr.

Utah, Salt Lake City—Sept. 8, by Salt Lake Co. Comn., hardsurfacing 2.3 mi. 48th St. south from 9th St. east to Holiday St., 18 ft. A. Christopherson, co. engr.

Nevada—Sept. 6, by State Hy. Comn., Carson City, grading and paving 1.59 mi. Route 1, Sect. B-3, through Sparks, Proposal 1, 16,800 sq.yd. concrete pavement, 3,100 cu.yd. excav., 1.59 mi. prepare subgrade and shoulders, etc., Proposal 2, 3,650 ton asphaltic concrete base course, 1,830 ton top course, 3,975 cu.yd. excav., 1.59 mi. prepare subgrade and shoulders, etc. G. W. Borden, state highway engr.

Washington — Sept. 11, by State Hy. Dept., Olympia, grading and crushed rock surfacing 7 mi. State Rd. 4, from Tonasket eastward, Okanogan Co.; paving 2.4 mi. National Parks Highway from Elbe to Park Junction, Pierce Co.; 5 mi. Sunset Highway from Issaquah to Preston, King Co. J. Allen, state highway engr.

Washington—Oct. 3, by State Hy. Bd., Olympia, grading and draining 20.5 mi. Inland Empire Highway, Umtanum and Selah, Kittitas and Yakima Counties; grading and crushed rock surfacing 12.25 mi. North Bank Highway, from Underwood to Lyle, Klickitat Co. J. Allen, state highway engr.

Calif., San Jose — Sept. 5, by Supervs. Santa Clara Co., paving King Rd., Supervisor Dist. 2, 129,120 sq.ft. oil macadam; 5,035 lin.ft. Naglee Ave., Supervisor Dist. 4, 90,920 sq.ft. oil macadam; Washington St. in town of Santa Clara, Sect. A, 45,666 sq.ft. 1½ in. asphaltic concrete on 5 in. hydraulic concrete, Sect. B, 37,836 sq.ft. 6 in. oil macadam. I. J. Ryder, co. surv.

Calif., Stockton — Sept. 5, improving Pershing and Oranges Sts., etc., 11,266 cu. yd. excav., 9,484 cu.yd. fill, 23,907 lin.ft. concrete curb and gutter, 134,255 sq.ft. cement walks, 448,081 sq.ft. 3 in. asphaltic concrete on 3 in. macadam. W. H. Hogan, city engr.

BIDS RECEIVED

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., opened bids Aug. 22, grading, curbing, recurbing, flagging and reflagging (1) 46th St., etc., paving (2) 7th Ave., from W. J. Fitzgerald, 547 West 45th St., New York, (1) $63,637 (2) $12,566; Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn, (1) $66,447 (2) $13,173; Sicilian Asphalt Paving Co., 41 Park Row, New York, (1) $68,099 (2) $12,943. Noted Aug. 17.

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., opened bids Aug. 21, recurbing, reflagging and paving (1) Dutch Kills St., paving (2) North Jane St. (3) Howland St. (4) Pettit Pl. (5) 122nd (Brevoort) St., grading, regrading, curbing and paving (6) Van Alst Ave. (7) South Jane St., also receiving basins in westerly corner Ely and Van Alst Aves., etc., grading, curbing and laying sidewalks on (8) Crown Pl. (9) 122nd (Brevoort) St. (10) Gates Ave., grading (11) 42nd St., recurbing and paving (12) Bleecker St., grading, curbing, laying sidewalks and crosswalks on (13) 81st St., grading westerly sidewalks and gutter spaces, setting curb and laying sidewalks where necessary on (14) 126th (North Villa) St., grading, curbing, laying sidewalks and paving (15) Gleane St., etc., from Cleveland Trinidad Paving Co., Flushing (1) $7,764 (4) $3,174 (5) $3,714 (12) $3,505 (15) $10,592; Sicilian Asphalt Paving Co., 41 Park Row, New York, (1) $7,879 (5) $3,433 (12) $3,193 (15) $10,448; Borough Asphalt Co., 1301 Metropolitan Ave., Brooklyn (1) $7,996 (4) $3,300 (5) $3,130 (12) $2,968 (15) $11,048; Astoria Contg. Co., 320 Grand Ave. (2) $6,608 (7) $25,135; Kennedy & Smith, Inc., 93 Amity St., Flushing (2) $6,726 (3) $6,163 (9) $2,015 (11) $3,072 (13) $3,730; Welsh Bros. Contg. Co., 32 Queens St., (2) $6,837 (3) $5,731 (6) $14,654 (7) $24,780; H. J. Mullen Contg. Co., Jamaica Ave. and 144th St., Jamaica, (3) $6,134 (6) $14,806 (9) $1,781 (13) $3,940 (14) $1,210; Peace Bros., Inc., 20 Main St., Flushing (6) $14,470 (8) $2,613 (10) $4,965; F. J. Clancy (7) $25,095; R. A. Hess, Inc., Corona, (8) $2,056 (11) $3,076; J. J. O'Brien, Inc., (8) $2,365 (14) $1,214; H. E. Kordes Co., Inc., 2577 Cooper St., Brooklyn, (9) $2,064 (10) $3,855; C. Kurth, 9519 12th St., Richmond Hill (10) $3,949 (11) $3,003 (13) $3,538 (14) $1,128. Noted Aug. 17.

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., opened bids Aug. 21, repaving with asphalt, Broad St., etc., from W. J. Fitzgerald, 547 West 45th St., $45,734, Uvalde Asphalt Paving Co., 1 Bway, $52,944, Sicilian Asphalt Paving Co., 41 Park Row, $54,009; 78th St., etc., from Asphalt Constr. Co., 208 Bway, $20,804, Interboro Asphalt Co., 233 Bway, $20,831, W. J. Fitzgerald, 547 West 45th St., $21,303. Noted Aug. 17.

Pa., Phila.—Opened bids Aug. 24, grading, paving, etc., (1) Torresdale Ave. from Frankford Ave. to Lewis St., (2) 22nd St. from Locust to Fitzwater Sts., (3) Buist Ave. from 70th to 71st Sts., Haines St. from Ognotz Ave. to Limekiln Pike, (4) Columbia Ave. from 59th to 60th Sts.,

Streets and Roads (Continued)

Louden St. from C to D Sts., Turner St. from 54th to Columbia Aves., (5) Pittsville Ave. from Limekiln Pike to Ognotz Ave., 25th St. from Wolf to South Sts., (6) Fayette St. from Washington Lane to Limekiln Pike, (7) Ferndale St. from Solly to Benson Sts., (8) Luzerne St. from 2nd St. to Pennsylvania R.R., (9) Lombard St. from 27th St. to Schuylkill River, (10) Turner St. from 59th to 60th Sts., (11) 28th St. from Clearfield St. to Chalmers Ave., (12) Washington Lane from Wissahickon Ave. to Walnut Lane, (13) furnishing 400 tons crushed stone, from:

Barber Asphalt Paving Co., Land Title Bldg., (1) $22,562 (2) $33,774 (3) $29,563 (4) $21,006 (5) $27,963. Eastern Paving Co., Colonial Trust Bldg., (1) $13,282 (2) $36,574 (3) $27,339 (4) $18,488 (5) $27,158. Union Paving Co., 35th and Spruce Sts., (2) $37,605. H. B. Warren, Phila., (street address not available), (6) $24,022. F. Mack Contg. Co., Commercial Trust Bldg., (6) $26,984 (11) $7,076 (12) $3,043. Fish-Rutherford Co., Real Estate Trust Bldg., (6) $27,322 (8) $25,173 (9) $4,075. Curtiss Bros., Tacony (Phila. P. O.), (7) $2,065. T. L. Flannigan, 1204 East Montgomery Ave., (7) $2,273 (8) $22,681. J. Mehan & Sons, 915 West Dauphin St., (8) $26,132 (9) $3,903 (10) $2,630 (11) $6,903. United Paving Co., Colonial Trust Bldg., (9) $3,999. E. A. Mullen, 5512 Vine St., (10) $2,698 (11) $6,999 (12) $3,279. Birdsboro Stone Co., Birdsboro, N. J., (13) $10,000. I. F. Dyer Quarry Co., Chestnut Hill, (13) $8,000. W. J. Sand & Supply Co., Widener Bldg., (13) $8,500.

O., Akron—M. P. Tucker, dir. Pub. Serv., opened bids August 23, grading and paving (1) 900 ft. Nieman St. (a) brick (b) asphalt (2) 150 ft. Delbeth Rd. (a) brick (b) asphalt, grading, laying walks and paving (3) 450 ft. Kenmore Blvd. (4) 500 ft. Carpenter St. (5) 740 ft. School St., grading, 4 in. cement walks and (a) gravel roadway (b) cinder roadway (6) 1,200 ft. Carlysle St. (7) 1,300 ft. McKinley Ave. (8) 3,000 ft. Pitkin Ave., from Columbus Asphalt Paving Co., 304 Buckeye Bldg. (1a) $16,942 (1b) $16,683 (2a) $6,384 (2b) $6,224; E. and D. McShaffrey Co., 574 Rhodes Ave., (1a) $17,221 (4) $9,068 (5) $19,141; T. E. McShaffrey Constr. Co., 170 South Forge St., (1a) $17,636 (1b) $17,012 (2a) $6,129 (2b) $5,809; E. H. Rawle, 839 Bloomfield Ave. (3) $8,000 (4) $9,255 (7a) $6,592 (7b) $5,952; G. J. Stubbs, 30 West State St. (6a) $7,421 (6b) $6,671 (7a) $6,391 (7b) $5,631 (8a) $16,664 (8b) $14,764; Timms-Clark Co., 437 Second Natl. Bldg., (6a) $7,897 (7b) $6,909 (8a) $17,740 (8b) $15,365; J. P. McCausland, R.F.D. 8, Cuyahoga Falls, (6a) $7,432 (6b) $7,169; Di Foti Constr. Co., 72 Furnace St., (7a) $6,846 (7b) $6,326 (8a) $16,363 (8b) $14,938. Noted Aug. 10.

Illinois—Dept. Pub. Wks. and Buildings, Div. Highways, Springfield, paving (1) 5.372 mi. Route 1, Sect. 25, Clark Co., (2) 1.288 mi. Route 1, Sect. 164, Cook Co., (3) 5.037 mi. Route 3, Sect. 8, Rock Island Co., (4) 5.037 mi. Route 3, Combination A, Rock Island Co., (5) 4.867 mi. Route 3, Sect. 71, Randolph Co., (6) 4.867 mi. Route 3, Combination A-2, Randolph Co., (7) 4.622 mi. Route 3, Sect. 72, Randolph Co., (8) 9.489 mi. Route 3, Combination A-3, Randolph Co., (9) 9.489 mi. Route 3, Combination A-4, Randolph Co., (10) 0.607 mi. Route 6, Sect. 28, Whiteside Co., (11) 1.664 mi. Route 6, Sect. 29, Whiteside Co., (12) 5.942 mi. Route 9, Sect. 9, McLean Co., (13) 5.942 mi. Route 9, Combination B, McLean Co., (14) 3.753 mi. Route 9, Sect. 10, McLean Co., (15) 3.753 mi. Route 9, Combination C, McLean Co., (16) 9.695 mi. Route 9, Combination D, McLean Co., (17) 9.695 mi. Route 9, Combination E, McLean Co., (18) 6.098 mi. Route 10, Sect. 19, Sangamon Co., (19) 4.609 mi. Route 20, Sect. 12, Lake Co., (20) 6.566 mi. Route 22, Sect. 13, Will Co., (21) 0.769 mi. Route 22, Sect. 17, Kane Co., (22) 5.089 mi. Route 31, Sect. 5, Adams-Brown Co., (23) 5.673 mi. Route 31, Sect. 6, Brown Co., (24) 10.762 mi. Route 31, Combination F, Adams-Brown Co., (25) 5.362 mi. Route 38, Sect. 1, Jersey Co., (26) 4.872 mi. Project 26, Sect. 21, Logan Co., (27) 5.682 mi. Project 26, Sect. 22, Logan Co., (28) 10.554 mi. Project 26, Combination G, Logan Co., (29) 5.003 mi. Project 28, Sect. 26, Livingston Co., (30) 4.233 mi. Project 29, Sect. 36, Iroquois Co., (31) 6.6 mi. Project 29, Sect. 37, Iroquois Co., (32) 2.9 mi. Project 29, Sect. 38-D, Iroquois Co., (33) 13.733 mi. Project 29, Combination H, Iroquois Co., (34) 5.005 mi. Project 39, Sect. 2, Carroll Co., (35) 6.628 mi. Project 44, Sect. 2, Christian Co., (36) 3.655 mi Project 30, Sect. 15, Kankakee Co., (37) 5.625 mi. Project 30, Sect. 16, Kankakee Co., (38) 4.041 mi. Project 30, Sect. 17, Kankakee-Will Co., (39) 4.041 mi. Project 30, Combination H, Kankakee Co., (40) 13.321 mi. Project 30, Combination I, Kankakee-Will Co., (41) 13.321 mi. Project 30, Combination I-1, Kankakee-Will Co., (42) 4.168 mi. Project 32, Sect. 11, Washington-Jefferson Co., (43) 3.404 mi. Project 32, Sect. 12, Jefferson Co., (44) 5.158 mi. Project 32, Sect. 13, Jefferson Co., (45) 12.73 mi. Project 32, Combination J, Washington-Jefferson Co., (46) 5.165 mi. Project 33, Sect. 42, Fulton Co., (47) 5.372 mi. Project 36, Sect. 66 (concrete) Woodford-Marshall-La Salle Co., (48) 5.372 mi. Project 36, Sect. 66 (brick) Woodford-Marshall-La Salle Co., (49) 4.873 mi. Project 36, Sect. 67, Marshall-La Salle Co., (50) 10.245 mi. Project 36, Combination K, Marshall-La Salle Co., (51) 5.208 mi. Project 38, Sect. 45, Schuyler Co., (52) 3.638 mi. Project 38, Sect. 46, Schuyler Co., (53) 8.846 mi. Project 38, Combination L, Schuyler Co., (54) 0.35 mi. Route 6, Sect. E, Bond Co., (55) 0.94 mi. Route 15, Sect. K-29a, La Salle Co., (56) 1.68 mi. Route 7, Sect. N-29a, Madison Co.; grading (57) 90,505 cu.yd. Route 1, Sect. 29-A, White-Gallatin-Saline Co., (58) 30,125 cu.yd. Route 1, Sect. 30-A, Saline Co., (59) 47,500 cu.yd. Route 1, Sect. 31-A, Saline Co., (60) 168,130 cu.yd. Route 1, Combination M, Saline Co., (61) 45,895 cu.yd. Route 1, Sect. 33-A, Saline Co., (62) 60,410 cu.yd. Route 1, Sect. 34-A, Williamson-Johnson Co., (63) 146,305 cu.yd. Route 1, Combination N, Williamson-Johnson Co., (64) 31,400 cu.yd. Route 1, Sect. 45A, Johnson Co., (65) 55,970 cu.yd. Route 1, Sect. 36-A, Johnson Co., (66) 52,010 cu.yd. Route 1, Sect. 37-A, Johnson Co., (67) 139,380 cu.yd. Route 1, Combination O, Johnson Co., (68) 285,685 cu.yd. Route 1, Combination P, Johnson Co., (69) 56,049 cu.yd. Route 3, Sect. 37-A, McDonough Co., (70) 67,020 cu.yd. Route 8, Sect. 32-A, Woodford Co., (71) 42,225 cu.yd. Route 8, Sect. 37-A, Tazewell Co., (72) 42,120 cu.yd. Route 9, Sect. 9-A, McLean Co., (73) 26,370 cu.yd. Route 9, Sect. 10-A, McLean Co., (74) 68,490 cu.yd. Route 9, Combination Q, McLean Co., (75) 37,340 cu.yd. Route 12, Sect. 15-A, Marion Co., (76) 36,865 cu.yd. Route 28, Sect. 4-A, Knox-Henry Co., (77) 31,550 cu.yd. Route 28, Sect. 5-A, Henry Co., (78) 98,415 cu.yd. Route 28, Combination R, Knox-Henry Co., (79) 25,797 cu.yd. Project 26, Sect. 20-A, Logan Co., (80) 60,930 cu.yd. Project 33, Sect. 43-A, Fulton Co., (81) 46,830 cu.yd. Project 38, Sect. 44-A, Schuyler Co., from Thompson & Oren, St. Louis, Mo., (street address not available), (1) $125,798.

R. A. Baum, Paris, (1) $116,158.

O. Arnold, Casey, (1) $120,965.

Chicago Heights Coal Co., Chicago Heights, (2) $22,002.

J. Mack, Chicago, (street address not available), (2) $25,364.

J. L. Baumon, Joliet, (2) $24,684, (20) $116,972.

Illinois State Constr. Co., Chicago, (street address not available, (12) $109,258, (14) $70,215, (16) $178,000, (18) $136,981, (19) $104,427, (21) $17,688, (55) $19,151.

Mauts & Oren, Effingham, (5) $99,731, (7) $107,274, (9) $227,000.

List & Gifford, 415 Railway Exch. Bldg., Kansas City, Mo., (5) $113,502, (6) $140,000, (44) $123,938.

H. W. Horst, Horst Bldg., Rock Island, (3) $127,778, (4) $143,000.

Layton Constr. Co., Muscatine, Ia., (4) $145,000, (10) $19,499, (11) $45,909.

G. Sheldon Co., 312 Putnam Bldg., Davenport, Ia., (4) $148,168, (10) $17,859, (11) $41,110, (34) $122,148.

R. F. Conway, 133 West Washington St., Chicago, (3) $126,247, (17) $244,500, (40) $273,000.

Capitol Constr. Co., Des Moines, Ia., (street address not available), (3) $123,530.

Jensen & Schafer, Pekin, (17) $214,125, (51) $130,275, (52) $114,526, (53) $239,628.

L. D. Kuhn, Bloomington, (17) $229,647, (70) $23,597.

R. L. Williams, Wyatt, Mo., (12) $110,055, (14) $69,515, (16) $160,200, (26) $97,083, (27) $112,549, (28) $193,000, (36) $74,037, (37) $120,915, (40) $264,270, (42) $79,348, (43) $66,147, (44) $108,306, (45) $226,800, (47) $100,344, (49) $101,464, (50) $189,100.

L. D. Lane, Bloomington, (12) $109,637, (26) $99,155, (27) $112,226, (29) $125,705.

Hedges Constr. Co., 111 West Washington St., Chicago, (14) $69,250.

Alzina Constr. Co., Springfield, (18) $128,064, (22) $102,874, (23) $116,331, (24) $203,820, (28) $198,270, (35) $142,440, (47) $105,750, (49) $110,357, (50) $200,565.

Baker, Overton & Thompson, Indianapolis, Ind., (street address not available), (18) $124,113, (30) $93,061, (31) $123,715, (32) $52,893, (33) $266,666, (35) $136,923.

Powers-Thompson Constr. Co., Joliet, (20) $123,354.

Dunn Constr. Co., Chicago, (street address not available), (21) $17,743.

Warner Constr. Co., 106 North La Salle St., Chicago, (20) $132,794.

Doro & Jacobson, Waukegan, (19) $102,425.

Federal Paving Co., 133 West Washington St., Chicago, (19) $113,094.

Russell Condon Constr. Co., Chicago, (street address not available), (22) $101,513, (23) $115,376, (51) $122,165.

Indiana Road Paving Co., Rochester, Ind., (22) $99,393, (23) $112,601, (24) $190,700.

Eiff & Simons, Quincy, (24) $190,000.

Jaicks Bros., River Forest, (21) $15,695, (34) $131,188.

Nelson Bros., Jerseyville, (25) $114,764.

C. M. Haines, Jerseyville, Ill., (25) $118,119.

C. H. Degenhardt, Alton, (25) $117,699.

H. K. Rhodes, Lincoln, (28) $191,275.

Hoffman & Snell, Lincoln, (26) $96,964, (27) $109,852.

R. Loeb & Son, St. Louis, Mo., (street address not available), (29) $124,213.

D. A. Meyers, Peoria, (29) $124,503.

P. Erlinson, St. Joseph, Mo., (30) $98,385, (31) $126,521, (32) $54,200.

C. W. Clark, Clinton, Ind., (30) $99,608, (31) $132,956, (32) $56,935, (33) $273,000.

McMahon Constr. Co., Rochester, Ind., (33) $266,000.

Vanderboom & Sons, Chicago, (street address not available), (34) $109,059.

Wabash Constr. Co., Vincennes, Ind., (35) $147,565, (42) $8 080, (43) $72,239, (44) $119,472, (45) $2 3,902.

Rauth-Reilly Constr. Co., Goshen, Ind., (36) $69,681, (37) $118,239, (38) $85,395, (40) $264,270.

J. Morst & Son, Kankakee, (36) $71,264, (37) $113,451, (38) $86,806.

F. Lorenz, Oak Glen, (38) $84,066, (41) $288,000.

W. O'Neil Sons & Co., Fairbault, Mo., (42) $91,906, (43) $76,007, (45) $265,476.

Sutton & Moore, Canton, (46) $120,904.

Trompeter & Son, Peru, (47) $100,395, (49) $103,010.

G. W. Comstock, 221 Cooper St., Peoria, (55) $19,331.

Stocker Gravel & Constr. Co., Highland, (54) $8,761, (56) $13,446.

Buis & Olsen, St. Joseph, Mo., (street address not available), (62) $33,336, (63) $46,000, (64) $25,322, (65) $32,252, (66) $28,323, (67) $77,300, (68) $123,000, (72) $23,291, (73) $14,820, (74) $35,408, (76) $16,688, (77) $15,380, (78) $31,775, (80) $24,142, (81) $29,852.

Lamoreaux Bros., 805 Brandeis Theatre Bldg., Omaha, Neb., (61) $17,744, (63) $51,962, (67) $94,893, (72) $25,199, (73) $15,942, (74) $39,084, (76) $20,518, (77) $16,090.

Keating Bros., St. Louis, Mo., (street address not available), (57) $33,398, (60) $67,000.

Cameron, Joyce & Co., Keokuk, Ia., (62) $18,333, (74) $41,524, (77) $16,958, (78) $30,292.

H. Sweitzer, Marion, (58) $17,691, (59) $17,881, (61) $16,205, (62) $31,020, (64) $24,353, (65) $31,149, (66) $26,580, (68) $128,316.

L. Rich Constr. Co., Denny and Manchester Sts., St. Louis, Mo., (57) $27,628, (58) $15,605, (59) $15,453, (60) $56,500, (61) $14,835, (62) $28,954, (64) $23,887, (65) $32,299, (66) $26,728.

Frazier-Davis Constr. Co., Arcade Bldg., St. Louis, Mo., (63) $50,000.

L. Thomas, Mt. Vernon, (57) $29,897, (58) $16,240, (59) $16,917, (60) $60,053.

New Era Constr. Co., 3735 North Halsted St., Chicago, (70) $24,876, (71) $18,072, (72) $20,250, (73) $12,796, (80) $26,829.

J. O. McGowery, Chicago, (street address not available), (69) $15,824, (70) $21,933.

Crawley & Whitnell, St. Louis, Mo., (street address not available), (69) $16,652, (80) $28,562.

J. B. McArthur, Joliet, (71) $22,475.

Anderson Bros., Rockford, (71) $22,577.

W. C. Johnson, 512 South High St., Belleville, (75) $14,975.

M. Frazier, Louisville, (75) $16,405.

W. O. Whitsell, Mt. Vernon, (75) $14,196.

F. J. McCaughney, 4910 Winthrop Ave., Chicago, (78) $35,338, (79) $5,282.

C. Knox, Rock Island, (76) $15,049.

R. Plubene, Gillespie, (79) $6,791.

A. O. McCoy, Mt. Sterling, (79) $6,791, (81) $27,539.

M. D. Gates, Lincoln, (79) $6,782.

B. F. Harrison, Poor Farm Rd., Decatur, (81) $30,016. Noted Aug. 3.

Wis., Mellen—Paving Bennett and Main Sts., 11,700 sq.yd. rein.-con., 5,175 lin.ft. combined curb and gutter, 4,000 cu.yd. excav., etc., from Woodrich Constr. Co., 837 Metropolitan Life Bldg., Minneapolis, Minn., $38,471. Noted Aug. 10.

Minn., St. Paul—H. W. Austin, city purch. agt., opened bid Aug. 14, paving about 43 blocks, Crocus Hill Dist., 57,706 sq.yd. 4 in. cresoted wood blocks, from

Streets and Roads (Continued)

Fielding & Shepley, 216 University Ave., $256,900. Noted Aug. 10.

Tex., Beaumont—Jefferson Co., constructing and paving (1) 4.5 mi. Port Neches Rd., (a) concrete (b) 2 in. asphalt on concrete (2) 3 mi. Spindle Top Rd., (a) concrete (b) bituminous on concrete (3) 4.5 mi. Franklin St. Rd. (a) concrete (b) asphaltic macadam (4) 3 mi. 7th St. Rd. (a) concrete (b) 2 in. bituminous on concrete (5) 2 mi. 16th St. Rd. (a) concrete (b) bituminous on concrete from Smith Bros., Crockett, (1a) $144,208 (1b) $167,446 (2a) $91,809 (2b) $106,678 (3a) $181,325 (3b) $207,138 (4a) $122,169 (4b) $140,488 (5a) $71,923 (6b) $83,025. H. K. McCollum Constr. Co., Texas State Bank Bldg., (1a) $133,171 (1b) $169,075 (2a) $84,304 (3b) $107,598 ((3a) $154,935 (3b) $195,298 (4a) $114,419 (4b) $133,063 (5a) $64,376 (5b) $81,937, J. P. McElwrath, Corsicana, (1a) $120,274 (1b) $177,298 (2a) $77,262 (2b) $114,299 (3a) $143,922 (3b) $208,689 (4a) $102,591 (4b) $147,566 (5a) $60,082 (5b) $85,313. Noted July 27.

Tex., Halletsville—Lavaca Co., grading roadway and building steel and concrete bridges and structures on 11.07 mi. Highway 3-B, 64,023 cu.yd. excav., 26,498 cu.yd. borrow, 227,256 lb. reinforcing and 174,740 lb. structural steel, 1,521.6 cu.yd. Class A and 314.2 cu.yd. Class B concrete, from W. T. Hutto & Sons, Gonzales, $78,406; Wear & Ratcliff, Rogers, $84,432; R. G. Buckner & Sons, Cleburne, $89,334; drainage structures only from Gonzales Cement Wks., Gonzales, $55,480. Noted Aug. 3.

Tex., Seguin—Guadalupe Co., grading, gravel surfacing and building rein.-con. structures, on 3.39 mi. State Highway 3 between Scherts and Cibilo, 10,538 cu.yd. excav., 657 cu.yd. concrete, 86,240 lb. reinforcing, 9,157 cu.yd. gravel (at pits), from W. T. Hutto & Sons, Gonzales, $27,005; J. W. Goodrum, Seguin, $27,201; Ruby & Co., Blanco, $29,957. Noted Aug. 3.

Colo., Denver—Dept. Impvts. and Parks, concrete paving 12 blocks Alley Paving Dist. 85, from Stack Bros. Constr. Co., 338 South High St., $24,687; J. F. Roberts Constr. Co., Tramway Bldg., $24,983; Western Paving Co., 601—1st Natl Bank Bldg., $24,983. Engrs. est. $29,467. Noted Aug. 10.

Colo., Denver—Dept. Impvts. and Parks, asphalt paving 1.25 mi. Sante Fe Dr. Dist. 1-36 ft., from Western Paving Co., 601—1st Natl. Bank Bldg., $54,717. Engrs. est. $60,300. Noted Aug. 10.

Calif., Oakland—Opened bids improving 14th St. from Poplar to Market Sts., (1) 127,792 sq.ft. grading, (2) 774 ft. concrete curb with steel guard, (3) 3,339 ft. concrete curb without steel guard, (4) 4,423 sq.ft. concrete gutter, (5) 117,369 sq.ft. asphaltic concrete pavement, from Oakland Paving Co., 5000 Bway., (1) $0.054 (2) $0.08 (3) $0.95 (4) $0.315 (5) $0.28; Hutchinson Co., 1706 Bway., (1) $0.05 (2) $1.32 (3) $1.20 (4) $0.33 (5) $0.32; Warren Constr. Co., Bacon Bldg., (1) $0.055 (2) $1.35 (3) $1.20 (4) $0.40 (5) $0.299.

Calif., Santa Rosa—Sonoma Co., opened bids improving 4.24 mi. Cazadero-Guerneville-Jenner Highway, Sects. B, and C, 23,200 cu.yd. unclassified excav., 1,336 lin. ft. corrugated metal pipe, from W. L. Proctor, 1000 Spring St., Santa Roca, $18,381, F. Bryant, West San Carlos St., San Jose, $23,595. Noted July 27.

Calif., Visalia—Improving Northeast 2nd, Northeast 3rd, Northwest 2nd Aves., et al., from Visalia Paving & Constr. Co., Visalia (street address not available), $81,295. Noted Aug. 10.

CONTRACTS AWARDED

Mass., Pittsfield—Concrete paving ¾-mi. section of West St., to D. J. Walsh, 107 Fenn St., $31,000; ¾-mi. section of Elm St., to Molloy & Niggard, North St., $36,500.

Rhode Island—State Bd. Pub. Wks., Providence, 0.7 mi. south of South Ferry Rd., and 1.5 mi. south from Bonnet Point Rd. on Shore Rd., to J. Bristow, Narragansett Pier, $86,675.

Conn., Westport—Paving about 7,000 ft. Morningside Drive, Greens Farms Sect., 16 ft., plain cement concrete on traprock, to Silliman & Godfrey Co., Admiral St., Bridgeport, $39,735.

N. Y., Buffalo—Paving and repaving Delaware Ave. from the Terrace to Mohawk St., asphalt, to Rock Asphalt Co., Morgan Bldg., $45,093.

N. Y., Buffalo—Repaving Hamburg Turnpike from Buffalo Creek R.R. viaduct to south city line, sandstone block on 8 in. concrete, to Rock Asphalt Constr. Co., Morgan Bldg., $175,998.

N. Y., New York—H. Bruckner, pres. Bronx Boro, paving East 178th St. and Walker Court, etc., to C. D. Beckwith, Inc., 2875 Bway., $5,641 and $5,330 respectively; Rochambeau Ave., to M. Del Balso, 660 East 221st St., $18,924; sewers in Mayflower and Pierce Aves., to J. L. Sigretto, 1475 Woodhaven Ave., Woodhaven, $12,623 and $24,886 respectively; Guion Pl., Tyndall, Kingsland and Delafield Aves., etc., to McLaughlin & Buckley, 337 East 134th St., $1,965, $9,444, $6,100 and $8,681 respectively. Noted Aug. 24.

N. Y., Niagara Falls—To Read-Coddington Eng. Co., 238 Portage Rd., paving Macklem Ave. from Lewiston Rd. to north line of Lot 34, sheet asphalt, $17,095, engrs. est. $19,350, 21st St. from Ontario to Seneca Aves., sheet asphalt, $21,944, engrs. est. $24,900, Vanderbilt Ave. from Lewiston Rd. to Niagara Rapids Blvd., warrenite bitulithic, $24,612, engrs. est. $27,450, 15th St. from Ontario to North Aves., sheet asphalt, $5,647, engrs. est. $5,700, Clifton Ave. from Lewiston Rd. to Macklem Ave., sheet asphalt $9,325, engrs. est. $10,450, Chestnut Ave. from Whirlpool St. to Lewiston Rd., 3 in. vertical fibre brick block, $10,874, engrs. est. $12,750, Orchard Ave. from Main to Whirlpool Sts., warrenite bitulithic, $30,922, engrs. est. $32,100, 16th St. from Niagara St. to Ferry Ave. and from Ferry to Pine Aves., sheet asphalt, $47,370, engrs. est. $50,350; to J. F. McKenney Corp., Gluck Bldg., 22nd St. from Allen to Mackenna Aves., etc., 3 in. vertical fibre brick block, $33,044, engrs. est. $37,100, 24th St. from Niagara St. to Ferry Ave., 3½ in. vertical fibre brick block, $25,374, engrs. est. $27,350, 12th St. from Buffalo Ave. to tracks of New York Central R.R., 3 in. vertical fibre brick block, $12,466, engrs. est. $13,750, 19th St. from Niagara St. to Cudaback Ave., etc., 3 in. vertical fibre brick block, $29,756, engrs. est. $32,500. Noted Aug. 24.

N. Y., Rochester—Bd. Contract & Supply, paving between car tracks and 2 ft. outside North St., asphalt, to New York State Ry., Inc., 267 State St., $57,500; paving North St., asphalt, to T. Holohan, Rochester (street address not available), $29,959, North Union and Custer Sts., to Whitmore, Rauber & Vicinius, Rochester (street address not available), $20,661 and $14,147 respectively, Conklin St., asphalt, to Rochester Vulcanite Pavement Co., Rochester (street address not available), $7,381, Ravenwood Ave., asphalt, to Ribstein-Holter Co., Rochester (street address not available), $9,768, Harold St., asphalt, to J. Fredrich Co., Rochester (street address not available), $4,879; cement sidewalks on Britton Rd., to J. Petrossi Co., Rochester (street address not available), $17,029; chlorinator for Water Bureau, to Wallace Tierman Co., Rochester (street address not available), $1,550; laying water pipe, Group 291, to P. Petrossi, Rochester, (street address not available), $8,576.

N. Y., Saranac Lake—S. A. Miller, village clk., improving Park and Shepard Aves., South and Helen Sts., to R. B. Kennedy, Utica (street address not available), $52,000. Noted July 27.

N. Y., Upper Nyack—For 14,000 sq. yd. rein.-con. pavement to C. C. Job, Little Ferry, N. J., $42,917. Engrs. est., $43,000. Noted Aug. 10.

N. J., Elizabeth—Union Co. concrete paving 1 mi. Mountain Ave., Westfield and New Providence, to P. Cammilli Co., 335 Spring St., Westfield, $114,682.

N. J., Hackensack—Bergen Co., constructing Sect. 3, Route 10, Little Ferry to Ridgefield, 17,680 sq.yd. concrete on 8 in. rein.-con., to J. J. McGarry, Edgewater, $146,760; Route 10, Sect. 5, Hudson St., 3 in. sheet asphalt on concrete, to G. M. Brewster, Tenafly, $140,205; Route 10, Sect. 5A, Essex St. from 1st to Summit Aves., rein.-con. with relay trap rock block, to Upheil & Phelan, Hackensack (street address not available), $24,323. Noted July 20.

N. J., Lambertville—Paving Main St., etc., to Hudson Paving Co., 2875 Bway., New York City, $20,000. Noted July 27.

N. J., Long Branch—Bd. Comrs., paving Ocean Ave. from Sea View to Brighton Aves., incl. portions of driveways of intersecting streets or alleys, to Union Paving Co., 30th and Locust Sts., Phila., $218,000. Noted Aug. 10.

N. J., Princeton—Twp. Com., rein-con. pavement with cement concrete surface on old macadam foundation, to H. V. Oliver, 3 Elm Row, New Brunswick, $19,364. Noted Aug. 10.

N. J., Woodbury—Gloucestetr Co., paving Paulsboro-Gibbstown Rd., to M. Staub, Pitman, $92,084. Noted Aug. 3.

N. J., Woodbury—Gloucester Co. resurfacing Sect. 1 Glassboro-Westville Rd., concrete, to J. F. Burke, 309 Park Ave., Plainfield, $43,497.

Pa., Ebensburg—Supervs. East Taylor Twp., c/o Controller Cambria Co., to G. B. Nicholson, Johnstown, paving 3,700 ft. Park Hill Rd., $78,012 without brick, $88,596 with brick, also 4,700 ft. road between West and Mineral Points, $78,013 without brick, $88,596 with brick; to G. T. Morgan, Johnstown, 5,460 ft. Clapboard Run Rd., $70,959. Noted Aug. 3.

Pa., Greensburg—Westmoreland Co., repairing 2½ mi. Jeannette-Harrison City Rd., 8 in. concrete with 6 in. vitr. brick on sides, to McCrady Bros., Braddock, $79,311.

Pa., Sharon—W. M. Stewart, city clk., asphalt pavements on George St., to Union Paving Co., 34th and Spruce Sts., Phila., $17,126; to W. McIntyre & Sons Co., Sharon, sheet asphalt pavements on South Dock St., $7,127, Porter Way, $4,069, widening Heywood St., $4,162, also extending sewer 400 ft. in Union St. $1.20 per ft. for pipe and $1.35 per yd. excav. Noted Aug. 10.

Del., Wilmington—New Castle Co. constructing 2.4 mi. Baltimore Pike through Christiana and White Clay Creek Hundred, 16 ft., 6,000 ton broken stone, 22,850 sq.yd. bituminous macadam, etc., to Stewart & Donohue Co., 14th and Grants Sts., $55,765.

North Carolina—State Hy. Dept., Raleigh, clearing, grading and topsoiling 13.5 mi. State Project 131, Gates Co., to Bacon & Moore, Littleton, $90,000; grading and plain concrete paving 13.54 mi. State Project 183 A, Pitt Co., to S. J. Groves & Sons Co., 306 Globe Bldg., Minneapolis, Minn., $363,504. Noted Aug. 10.

N. C., Charlotte—Mecklenburg Co. paving 7 mi. Yorkville Rd., to Noll Constr. Co., 502 South Cedar St., $185,900. Noted July 13.

N. C., Greensboro—Comrs. Guilford Co. paving 2 mi. Kivett Rd. from High Point toward Hayworth Springs, to R. G. Lassiter & Co., Citizens Bank Bldg., Raleigh, $2.60 per sq.yd. Noted July 6.

N. C., Greenville—Pitt Co. Hy. Comn., rein.-con. paving 5 mi. highway, to Clayton Mitchell Co., Jacksonville, (street address not available), $2.52 per sq.yd. Noted July 13.

N. C., Henderson—For 60,000 sq.yd. 2 in. sheet asphalt on 5 in. concrete, to R. G. Lassiter & Co., Citizens Bank Bldg., Raleigh, $189,720. Noted July 27.

N. C., Lenoir—Hardsurfacing various streets to Atlantic Bitulithic Co., Virginia Ry. & Power Bldg., Richmond, Va., $173,000. Noted July 20.

N. C., Raeford—For 15,000 sq.yd. asphaltic concrete paving to Dawkins Constr. Co., Paul-Gale-Greenwood Bldg., Norfolk, Va., $48,085. Noted Aug. 1.

Fla., Bushnell—Sumter Co. clearing, grading and paving 14¾ mi. Linden-St. Catherine Rd., Spec. Rd. Dist. 5, 9 ft., limestone rock, to Barnes & Smith, Brooksville, $61,750.

Fla., Ft. Myers—Lee Co. paving 8.5 mi. New Prospect Short Cut, 15 ft., penetration macadam on rock, to Barnes, Smith & Mickler, Brooksville, $70,300.

Fla., Gainesville—Improving various streets, 84,312 sq.yd. asphalt paving, 50,398 lin.ft. granite or concrete curb, 21,378 cu.yd. excav., 14,000 cu.yd. rock material, to Hutton Eng. & Contg. Co., Kelly Bldg., Savannah, Ga.

Fla., Miami Beach—Improving various streets, 13,000 ft. curbing and gutters, 44,650 sq.yd. bituminous macadam, to Maul Paving Co., Ojus, $62,062. Engrs. est. $70,000.

Tenn., Nashville—To Moore Bros. and Carr Co., Capitol Blvd., paving Terrace Pl. from 20th to 21st Sts., $3,376, McMillan St. from Church to Cedar Sts., $5,556, 7th Ave. from Woodland to Foster Sts., $12,574, Foster St. from 1st to 7th Aves., $16,986, Shelby Ave. from 2nd to 10th Sts., $44,581, South 10th St. from Woodland to Shelby Sts., $9,310, Evander St. from Woodland to Holly Sts., $3,236, Montrose Ave. from 9th to 12th Sts., $12,423, Halcyon St. from 9th to 12th Sts., $12,928, Glenn Ave. from 9th to Bradford Sts., $12,272, Hayes St. from 15th St. to Louis Ave., $18,895, Russell St. from 19th to 20th Sts., $4,234, South 19th St. from Russell to Shelby Sts., $9,333, Ashworth Ave. from 18th St. to Shelby Park, $10,017, 2nd St. from Fatherland to Shelby Aves., $6,519, 19th Ave. $3,890, Highland Ave. from 25th to 28th Sts., $7,238, 20th Ave., $3,911, Villa St., $7,106, Hefferman St. from 18th to 21st Sts., $6,829, all foregoing rock asphalt; to Rodes Eller Co., 4th and 1st Natl. Bank, 6th Ave. S from Bway to Bell Ave., sheet asphalt, $4,890; to Clayton Paving Co., 44 Noel Blk., Buchanan St. from 8th to 9th Sts., granite block, $30,395, 2nd St. from Bridge to Shelby Aves., rock asphalt, $6,864. Noted Aug. 3.

Ohio, Cleveland—Paving East 30th St., from St. Clair to Chester Aves., Medina stone, to Bentley Bros., 1836 Euclid Ave., $70,201. Noted Aug. 24.

Indiana—State Hy. Comn., Indianapolis, surfacing 3.26 m. Dixie Bee Line, 16 ft., Sullivan Co., 34,432 sq.yd. concrete on concrete, 9,319 cu.yd. earth excav., to Carpenter Constr. Co., Terre Haute, $64,524. Engrs. est. $65,000. Noted Aug. 3.

Streets and Roads (Continued)

Michigan—State Hy. Dept., Lansing, paving 0.763 mi. State Trunk Line Rd. 29-5, Ingham Co., 3,359 cu.yd. excav., 8,723 sq.yd. asphalt, to Ingham Co. Rd. Comn., Mason, $26,062.

Wis., Superior—Paving 3,150 ft. Howard Ave. from North 3rd St. to north line of Bway.; bitulithic concrete on macadam, 4,800 lin.ft. concrete curb, also 1,750 ft. North 5th St. from Grand to Tower Aves., bitulithic on stone and concrete, 2,400 lin. ft. concrete curb, to E. Johnson & Sons, 572 West 5th St., $64,735 and $32,790 respectively.

Wis., Walworth—Paving North Main St., 8,700 sq.yd. rein.-con., 3,300 lin.ft. concrete curb and gutter, 4,400 cu.yd. excav., to Whitewater Bridge Co., Whitewater, $26,220. Noted July 20.

Wis., Waterloo — Paving 8,530 sq.yd. North Monroe and Washington Sts., concrete, to L. C. Christiansen, Cambridge, vibrolithic $30,077, rein.-con. $28,200. (Type of pavement not yet decided.) Noted Aug. 10.

Wis., White Fish Bay—To Clayton Constr. Co., 397 Farwell Ave., Milwaukee, grading and paving Oakland Ave., 9,400 sq.yd. concrete pavement $2.68 and 3,117 cu.yd. grading $0.70; Highland Ave. from Lake Drive to Fairmount Ave., 4,634 sq.yd. concrete pavement $2.68 and 2,150 cu.yd. grading $0.45. Noted Aug. 17.

Ia., Eldora—Hardin Co. gravel surfacing (1) Primary Rd. Project 88, (2) Eldora-Iowa Falls Rd., Primary Rd. Project 212, to M. O. Weaver, Bradgate, (1) 12,186 cu.yd. gravel 1 mi. haul, $0.375, 131,100 units additional ½ mi. haul at $0.09, 1,670 cu.yd. stripping pit $0.25, 2,340 cu.yd. gravel 1 mi. haul $0.445 and 32,500 units additional ½ mi. haul $0.09 (2) 5,710 cu.yd. gravel 1 mi. haul $0.445, 52,390 units additional ½ mi. haul $0.09 and stripping pit $0.25. Noted June 1.

Ia., Sioux City—For 35,000 sq.yd. vibrolithic concrete paving in Country Club Pl., to M. L. Flinn Paving Co., Grain Exch. Bldg., $2.68 per sq.yd.

Minnesota—State Hy. Dept., St. Paul, gravel surfacing 13 mi. State Project 44-21, 24 ft., Federal Aid Project 147-C, Houston Co., to Lahrer & McLaughlin, South Stillwater, $60,000. Noted July 13.

Tex., Pittsburg—Camp Co., grading and surfacing 16.16 mi. road, 16 ft., 200,360 cu.yd. earth excav., 156,388 sq. yd. bituminous macadam, 127,989 lb. reinforcing, 1,517.41 cu.yd. Class A concrete, etc., to Coke & Turner, Marshall, (street address not available), $246,187. Engrs. est. $276,459.

Tex., San Antonio—Bexar Co., improving 8.38 mi. Highway 2 toward Pearsall, 57,715 cu.yd. earth excav., 869.6 cu.yd. concrete, 108,648 lb. reinforcing, 17,959 cu.yd. gravel surfacing (to be furnished by county), (a) grading and gravel surfacing (b) rein.-con. drainage structures, to Bexar Co., c/o A. McCloskey, Gunter Bldg., (a) $46,553; W. T. Hutt & Sons, Gonzales, (b) $23,180.

Tex., Sonora—Sutton Co., clearing, grading, grubbing, gravel surfacing and rein.-con. bridges, etc., on 9.66 mi. Highway 4, Federal Aid Project 272, 18 ft., 22,129 cu. yd. earth excav. in roadway, 3,520 cu.yd. rock excav., (30,774 cu.yd. gravel surfacing to be furnished by county to cost $3,077), 71,338 lb. reinforcing, and 1,111.5 cu.yd. concrete, to Smith Bros., Crockett, or 313 Sumpter Bldg., Dallas, $86,970. Engrs. est. $99,051. Noted Aug. 3.

Wash., Seattle—Grading and paving Empire Way et al., 43,400 sq.yd. 7 in. concrete, 2,600 lin.ft. armor concrete curbing, 17,400 lin.ft. integral concrete curbing, 162,000 cu.yd earth excav., to J. L. Smith, Pioneer Bldg., $323,798. Engrs. est. $300,000. Noted Aug. 17.

Wash., Walla Walla—Walla Walla Co., grading and surfacing 4 mi. Weston-Elgin Mountain Rd., to Johnson Constr. Co., Lumber Exchange Bldg., Portland, Ore., $48,000.

Wash., Wenatchee—Chelan Co., grading and gravel surfacing 6.5 mi. Sunset Highway, from Peshastin Creek to Forest Boundary, 36,000 cu.yd. earth excav., 13,100 cu.yd. rock surfacing, to Burke, Sengfelder & Berry, Wenatchee, $49,300.

California—State Hy. Comn., Sacramento, to G. Pollock Co., Forum Bldg., Sacramento, grading 3.28 mi. highway between Hueneme Rd. and point 3½ mi. southeast, Ventura Co., 66,900 cu.yd. excav. without classification, $0.40, 215 cu.yd. class A Portland cement (culverts and monuments), $30.00, etc., total $33,640; to Clark & Henery Constr. Co., 38 South Sutter St., Stockton, surfacing 4.34 mi. highway between Carnadero Creek and Southern boundary, Santa Clara Co., 6,500 ton asphaltic concrete surface, $4.36, total $28,340; to Isbell Constr. Co., Fresno, 11.31 mi. highway between Chester Grade and northeast quarter of Sect. 3 T. 28 N., R 9E., M.D.B. & M., $116,228. Noted July 27.

Calif., Berkeley—Paving, etc., Grove St. between Berkeley Way and Hopkins St., to Bates & Borland, Oakland Bank of Savings Bldg., Oakland, $46,150. Noted Aug. 24.

Calif., Marysville—To Warren Constr. Co., Bacon Bldg., Oakland, paving streets in Dist. 16, 1½ in. warrenite on 3½ in. bituminous $0.216, concrete curb $0.60, concrete gutter $0.28, grading $0.013; streets in Dist. 15, 1½ in. warrenite on 3½ in. bituminous $0.216, concrete curb $0.60, concrete gutter $0.38. Noted July 27.

Calif., Oakland—To Hutchinson Co., 1706 Bway, Oakland, improving 52nd Ave. between East 12th and East 14th Sts., 15,734 sq.ft. grading $0.055, 968 lin.ft. concrete curb at $0.67, 2,094 sq.ft. concrete gutter $0.26, 14,566 sq.ft. oil macadam pavement $0.125; 38th Ave. between Sutter and Hopkins Sts., 25,030 sq.ft. grading $0.04, 1,275 lin.ft. concrete curb $0.75, 2,670 sq.ft. concrete gutter $0.26; 15,040 sq.ft. oil macadam pavement $0.1646.

Calif., Yuba City—Concrete paving 306 ft. Hawthorne St. and 310 ft. Linden St., both 42 ft., 4 in. thick; 838 ft. Orange St., 367 ft. Walnut St., 367 ft. Olive St. and 367 ft. Chestnut St., all 44 ft. wide, 4 in. thick; Cooper Ave., 18 ft. and 42 ft. wide, and 2,422 ft. Bridge St., 80 ft. wide, both 5 in. thick, to Galbraith & Janes, Box 338 Yuba City, $80,188. Noted July 13.

Que., Montreal—To Sicily Asphaltum Paving Co., 60 St. Viateur St., asphalt pavements on Comte St. from Atwater to St. Marks Sts., 30 ft., $26,276, Van Horne Ave. from Deacon St. to limits of Outremont, 45 ft., $10,238; B. Brault, Ltd., Bleury St., asphalt pavements Rosemount Blvd. from Papineau to Frontenac Sts., 46 ft., $94,748; Duranceau & Duranceau, 152 Hamilton St., concrete sidewalks on Cote des Neiges Rd., from Queen Mary to Cote St. Catherine Rds., $6,809, Cote des Neiges Rd. from Cote St. Catherine Rd. to Namur St., $15,906, Mazarin St. from Jolicoeur to Allard Sts., $5,680, Mazarin St. from Jolicoeur to Bromby Sts., $2,840, Joques St. from Jacques Hertel to Allard Sts., $7,434, Joques St. from Jacques Hertel to Bromby Sts., $12,148, Wurtele St. from Ontario to Sherbrooke Sts., $11,716; Leger & Lamoureux, Letang St., concrete sidewalks on Letang St. from Dufour to Villeray Sts., $6,130; Rondou, Corlier & Co., 3227 Christophe Colombe St., concrete sidewalks on Henri Julien St. from Isabeau to Francois Coppee Sts., $9,554.

Que., Montreal—To Quinlan, Robertson & Janin Co., 50 Notre Dame St. W., asphalt pavements on Montclair Ave. from Sherbrooke to Monkland Sts., $7,872, Blvd de Carie from Ave. de Grau to Debrillion St., $12,916. Jolicoeur St. from Razilly to Jocques Sts., $39,991, St. Remi St. from St. Ambroise St. to River St. Pierre, $20,375, St. Zotique St. from Henri Julien to De La Roche Aves., $55,830, Marlowe St. from Sherbrooke to Cote St. Antoine Sts., $28,303, Mazarin St. from Jacques Hertel to Jolicoeur Sts., $13,973, concrete sidewalks on Montclair St. from Sherbrooke to Monkland Sts., $3,703; Sicily Asphaltum Paving Co., 60 St. Viateur St., asphalt pavements on Fort St. from Sherbrooke to Comte Sts., $4,581, Closse St. from Sherbrooke to St. Catherine Sts., $18,601, Rolland St. from Mountain to Aqueduct Sts., $4,206, Papineau Ave. from Beaubien to St. Zotique Sts., $55,590, Beaubien St. from Christophe Colombe to Papineau Aves., $55,590, concrete sidewalks on Rolland St. from Mountain to Aqueduct Sts., $2,045; B. Brault Co., Bleury St., asphalt pavements Christophe Colombe St. from Hanatoux to Everett Sts., $26,916, De Chateaubrian St. from St. Zotique to Belanger Sts., $16,363; F. Lapan, 601 Lacordaire St., concrete sidewalks on Charlemagne St. from Maissoneuve limits to Masson, $2,060, Montsabre St. from Souligny to Chauveau Sts., $26,351, Rue Des Belges from Jarry St. to Cremazie Blvd., $6,170; Leger & Lamoureaux, 78 Bernard St., concrete sidewalks Claude St. from Cote Des Neiges to Gatineau Aves., $1,440, Jolicouer Ave. from Razilly to Dumas Aves., $4,555, Hampton St. from Sherbrooke Ave. to Canadian Pacific Ry., $2,750, Aople St. from Maplewood to Trembiay Sts., $3,256, Northmount St. from Decelles St. to point 551 ft. northeast, $1,611, Deserey St., $5,052; Rondou, Corlier Co., 3227 Christophe Colombe St., concrete sidewalks 4th Ave. from Masson to St. Jerome Sts., $4,153,

Ont., Grimsby—For 15,000 sq.yd. asphaltic concrete pavements to Auto Road Constr. Co., 29 Erie Ave., Niagara Falls, $71,000. Engrs. est. $75,000.

Ont., Guelph—Will pave Kathleen St., et.al., 17,000 sq.yd. concrete and asphalt, by day labor. $68,000. F. McArthur, city engr.

Ont., Oakville—Paving 1,860 ft. Church and Chisolme Sts., 45 ft. wide, 8,500 sq.yd. concrete, to King Constr. Co., Oakville, 3,720 lin.ft. concrete curb and gutters on above to J. Gibson, Oakville. Total est. $50,000.

Ont., Orangville—For 7,500 sq.yd. concrete pavements with concrete curbs and gutters, to W. J. Symond, Wiarton. Engr. est. $30,000.

Ont., St. Catherine—For 15,000 sq.yd. concrete pavement, to Reid & Somers, 40 Adelaide St. W., Toronto, $31,225.

Ont., Thorold—For 13,000 sq.yd. concrete pavements, to Auto Road Constr. Co., Ltd., Erie Ave., Niagara Falls. Engrs. est. $38,000.

Ont., Trafalgar—Trafalgar Twp., concrete pavements, to Thornton & McNamara, Bronte, $25,800.

Industrial Works

PROPOSED WORK

Me., Portland—Confederated Home Abattoir Corp., having plans prepared by Gorman & Brown Eng. Co., engrs., 357 Westminster St., Providence, R. I., 4 story meat-packing and refrigerating plant, brick and concrete. $300,000. Noted June 8.

Mass., Attleboro—Hartley Clock Co., c/o Monks & Johnson, archts., 99 Chauncy St., Boston, having plans prepared 3 story, 60 x 240 ft. rein.-con. factory. $125,000.

Mass., Dorchester (Boston P. O.)—Tide Water Oil Co., 60 Cambridge St., Boston, plans 1 and 2 story, irregular shaped oil distribution and storage plant, brick and rein.-con., Dorchester Ave. $75,000. Private plans.

Mass., West Springfield (Springfield P. O.)—Wico Electric Co., c/o P. Brown, pres., 44 Avon Pl., Springfield, plans four 1 story, 90 x 400 ft., brick and steel factory buildings, being first unit of new plant. Architect not accounced.

R. I., Woonsocket—Evening Call Publishing Co., 75 Main St., plans 3 story, brick and fireproof mechanical building at plant. $45,000. Private plans.

Conn., Norwalk—E. M. Jennings Co., 27 Harrison St., Bridgeport, soon lets contract 1 story, 55 x 155 ft. brick, steel and concrete garage and service station, West Ave., here. $40,000. J. W. Northrop, 211 State St., Bridgeport, archt.

Conn., Plainville—Standard Steel Bearings, Inc., Railroad St., plans large 1 story, brick and steel addition to plant. Private plans.

N. Y., Albany—Electric Supply & Equipment Co., 103 Allyn St., Hartford, Conn., soon lets contract 4 story, 40 x 63 ft. brick and concrete factory, Bway., here. $50,000. Private plans.

Pa., Corry—Kurtz Brass & Wood Bed Co., preparing plans 2 story, 100 x 150 ft. plant. Private plans.

Md., Baltimore — Port Development Comn., City Hall, having plans prepared by Fay, Spofford & Thorndike, archts. and engrs., 200 Devonshire St., Boston, 6 story warehouse and piers. $3,000,000.

N. C., Gastonia—Art Cloth Mills plan weave mill, to be equipped with seventy-two 30 harness novelty looms. $195,000. H. D. Gayner, pres.

N. C., Granite Falls—A. A. Shuford Mill Co., Highland, plans cotton mill, here. $100,000.

O., Amherst—Hoynesite Powder Co., plans rebuilding portion of plant destroyed by explosion. To exceed $100,000. M. Freshwater, dir.

O., Dayton—Andrews Baking Co., 10 North Main St., plans 2 story, 60 x 140 ft. brick and rein.-con. plant, plain foundation, 3rd and Charter Sts. $100,000. Architect not selected.

O., Dayton—Miami Ice & Fuel Co., Ludlow Bldg., plans 4 story, 60 x 160 ft., cold storage plant, brick and rein.-con., concrete pile foundation. $150,000. Architect not selected.

O., Minerva—Owen China Co. plans 11 kiln addition to plant. To exceed $40,000. Private plans.

Mich., Detroit—City plans new 50 x 94 ft. steam heating plant at Herman Kiefer Hospitial, Byron Ave. A. Kahn, 1000 Marquette Bldg., engr.

Ill., Chicago—A. S. Alschuler, archt., 28 East Jackson Blvd., soon receives bids 3 story, 100 x 300 ft. candy factory, rein.-con., brick and steel, Cicero and Kinzie Sts., for Brach & Sons, 215 West Ohio St. $1,000,000. Work will be done in three units.

Ill., Chicago—A. L. Alschuler, archt., 28 East Jackson Blvd., soon receives bids 4 story, 110 x 275 ft., furniture factory, rein.-con., brick and steel, George St. and North Crawford Ave., for Valentine-Seaver Co., 1721 Sedgwick St., $1,000,000.

Ill., Chicago—E. C. Frazier, archt., 30 North Dearborn St., soon receives bids 1 story, 100 x 130 ft., rein.-con., brick and

Industrial Works (Continued)
steel garage, 1215-23 West Harrison St., for J. A. Hannah, 1045 Fulton Market. $50,000.

Ill., Chicago—Whitney & Williams, archts., 122 South Michigan Ave., soon receives bids 2 story, 75 x 150 ft., rein.-con., brick and steel, Bway, and Glanlake Ave., $50,000. Owner's name withheld.

Wis., Green Bay—Fort Howard Paper Co., South State St., plans 3 story, 100 x 140 ft. plant, rein.-con. and brick, $200,000. Private plans.

Wis., Ladysmith—City plans 1 story, 60 x 70 ft. central heating plant and auxiliary pumping station, rein.-con., brick and steel, plain foundation. $60,000. C. C. Kile, clk. Architect not selected.

Wis., Milwaukee—Milwaukee Electric Ry. & Light Co., 2nd and Sycamore Sts., plans boiler house at Lakeside, $1,000,000. J. Anderson, plant engr. R. H. Pinkley, c/o owner, engr. Will mature in spring.

Wis., Shawano—Shawano Co. Bd., c/o O. O. Wiegand, clk., Court House, plans 1 story, 60 x 90 ft. central heating plant. $50,000. Architect not selected.

Minn., Minneapolis—Northwestern Tire Co., 622 3rd Ave. S., having plans prepared by Lund & Lunt, archts., 224 Essex Bldg., 2 story, 48 x 120 ft., sales and service station, rein.-con. and steel. Harmon Pl. between 10th and 11th Sts. $50,000.

Minn., Minneapolis—State Bd. Control, St. Paul, having plans prepared by C. H. Johnston, archt., 715 Capitol Bank Bldg., St. Paul, 3 story, rein.-con., brick and tile storehouse, on State "U," here. $150,000. D. F. Mullen, sec'y.

S. D., Hot Springs—Hot Springs Water, Light & Power Co., plans 450 kw. power plant to replace one destroyed by flood. B. W. Wattles, genl. supt. Hollister Eng. Co., Bankers Life Bldg., Lincoln, Neb., engrs.

Tex., Stamford—Jay Cotton Oil Co. plans cotton oil mill, rein.-con. and brick, 125 ton daily capacity, also feeding pens for fattening cattle, 5,000 head capacity. To exceed $40,000.

Calif., Mountain View—Interstate Textile Mfg. Co., c/o W. Mooser, Archt., Wells Fargo Nevada Bank Bldg., San Francisco, having preliminary plans prepared, group of factory buildings, probably rein.-con.

Calif., Richmond—Luning Mineral Products Co. plans dry color plant, 21st St. $50,000. L. E. Brown, pres.

Calif., San Francisco—U. S. Metal Products Co., 330 10th St., plans 2 to 4 story brick manufacturing plant, 10th St.

Ont., Hamilton—Ontario Hydro Comn., London, soon lets contract new hydro station, also extending power lines along Beach Rd. $40,000.

Ont., Trout Mills—W. Milne & Sons, North Bay, plans to rebuild saw mill recently destroyed by fire. $100,000.

B. C., Vancouver—City Council appointed J. G. G. Kerry, engr., of Kerry & Chace Ltd., Confederation Life Bldg., Toronto, Ont., to investigate hydro-electric facilities here with view to ultimate establishment of hydro electric plant.

B. C., Vancouver—Canadian Pipe Co., Ltd., 550 Pacific St., plans factory, Pacific St. Cost between $40,000 and $50,000. Architect not announced.

BIDS DESIRED

N. Y., New York—J. Arfman, 439 East 90th St., 75 x 100 ft., brick, steel and concrete garage, plain foundation, Ave. A. $100,000. Work will be done by separate contracts. Private plans.

N. J., Trenton—Sept. 7, at office of Comr. of Educ., State House, 32 x 86 ft., brick, steel and timber power house, etc., for State Normal School, Model Ave. Guilbert & Betelle, 546 Broad St., Newark, engrs.

Pa., Glenshaw—L. B. Duff, engr., 712 Magee Bldg., Pittsburgh, taking bids 2 story, 64 x 113 ft., rein.-con. and tile warehouse and factory, Wittmer Sta., for Ball Chemical Co., c/o engineer. $50,000. Noted Aug. 24.

Pa., Oil City—W. H. Crosby, archt., Masonic Bldg., taking bids 3 story, 70 x 80 ft., rein.-con., brick and steel garage, for E. M. Bowen, Oil City. $40,000.

Pa., Phila.—Gaul, Derr & Shearer, 212 North Broad St., taking bids 2 story, 56 x 107 ft. brick and steel service station, plain foundation, 16th and Fairmont Aves. $100,000. Durham Bros., 1609 Sansom St., archts.

Pa., Phila.—Penwood Co., archts., 131 North 15th St., taking bids 5 story, 33 x 105 ft. rein.-con. factory, plain foundation, 926-928 Locust St., for Finkelstein Bros., 303 South St. $80,000.

Pa., Phila.—J. T. Hoekstra, archt., 1713 Sansom St., taking bids 1 story, 96 x 182 ft., rein-con. and brick plant, plain foundation, 10th and Windrim Sts., for Logan Ice Co., 10th and Windrim Sts. $150,000.

Pa., Phila.—Zerbey & Hollaway, 4713 North Broad St., taking bids 1 story, 100 x 147 ft. and 20 x 34 ft. garage, 15th and Wyoming Aves., $75,000. C. F. Parker, 5018 Schuyler St., archt.

Ill., Chicago—D. S. Klafter, archt., 64 West Randolph St., receiving bids 1 story, 100 x 125 ft., rein.-con., brick and steel factory addition, 2315-21 West Huron St., for Enterprise Parlor Furniture Co. $50,000.

Ill., Chicago—H. A. Mulder, archt., 140 South Dearborn St., receiving bids 1 story, 125 x 130 ft., rein.-con., brick and steel garage. Clark St. near Devon St., for D. R. Guthman, 6730 North Clark St. $60,000.

Ill., Granite City—Natl. Enameling & Stamping Co., Federal Reserve Bank Bldg., St. Louis, Mo., receiving bids 1 story, 84 x 788 ft. warehouse and plant, steel and concrete, here. United Eng. and Fdry. Co., Farmers Bank Bldg., Pittsburgh, Pa., engrs.

Wis., Beloit—J. Terwilliger, Clinton, receiving bids 2 story, 75 x 135 ft. brick and concrete garage, plain foundation, Broad St., here, $50,000. Private plans. Former contract rescinded. Noted May 4.

Wis., Burlington—J. Alby & Sons, receiving bids 1 story, 30 x 82 ft., rein.-con. garage, plain foundation, $40,000. M. F. White, c/o Wilbur Lumber Co., 908 Trust Co. Bldg., Milwaukee, archt.

Wis., Cazenovia—Cazenovia Creamery Co., receiving bids 1 story, 60 x 150 ft. dairy, rein.-con., brick and steel, plain foundation. $50,000. Private plans. Noted July 20.

Calif., Sacramento—Sept. 11, by State Dept. Pub. Wks., 2 story, 160 x 160 ft. rein.-con. printing plant, 11th and O sts. $140,000. G. B. McDougall, Forum Bldg., state archt. Noted April 27.

BIDS RECEIVED

N. Y., New York—G. A. Whalen, comr. Plant & Structures, Municipal Bldg., opened bids Aug. 25, clearing site, excavating, sheeting and bracing for foundation for proposed repair shop 16th St. and Ave. C, from Contractors Service Corp., 226 Jackson St., Brooklyn, $46,342; M. Del Balso, 660 East 221st St., $49,860; C. Goodman, $56,000. Noted Aug. 17.

CONTRACTS AWARDED

Mass., Boston—Druker & Rudnick, 18 Tremont St., will build 1 story, brick, steel and rein.-con. garage and service station, Harvard Ave., in Brookline Dist., by day labor. $75,000. Private plans.

Mass., East Lee—Mountain Mill Paper Co., Railroad St., 1 story, 40 x 150 ft. brick and steel factory addition with 40 x 50 ft. ell, to J. R. Hampson & Co., 14 Taylor St., Pittsfield. Archts. est. $40,000.

Mass., Holyoke—Farr Alpaca Co., Jackson St., 6 story, 100 x 500 ft. cotton warp plant, brick and rein.-con., to Daniel O'Connell's Sons Co., 480 Hampden St. Archts. est. $600,000. Noted July 27.

Mass., New Bedford—New Bedford Boiler & Machine Co., 42 Front St., will build 4 story, 60 x 167 ft., rein.-con. warehouse, by day labor. $150,000. Leary & Walker, 908 Purchase St., archts.

Mass., Watertown—Hood Rubber Co., 2 story, 96 x 208 ft., concrete factory addition, to W. H. Illiffe, 93 North Beacon St. Archts. est. $75,000.

Conn., Hartford—Automatic Refrigerating Co., 618 Capitol Ave., 3 story, 53 x 71 x 95 ft. brick and steel addition to plant, Capitol Ave., to M. A. Connor, 688 Broadview Terrace. Archts. est. $50,000.

N. Y., New York—H. Harjes, 408 West 76th St., 4 story, brick, steel and concrete garage, plain foundation, 403 West 76th St., to T. J. Murphy, 2 West 45th St. Archts. est. $200,000.

N. Y., New York—Kokem-Chisholm Co., 74 Center St., rein.-con. and steel factory, plain foundation, 134th St. and Willow Ave., to Barney-Ahlers, 110 West 40th St. Archts. est. $90,000.

Pa., Cambridge Springs—Blystone Mfg. Co., Cambridge Springs, 90 x 260 ft. concrete block and steel factory, to Austin Co., 16112 Euclid Ave., Cleveland, O. Noted June 29.

Pa., Charleroi—S. S. Jones, Belle Vernon, 2 story, 60 x 100 ft. garage, Donner and 9th Aves., to Austin Co., 16112 Euclid Ave., Cleveland, O. Engrs. est. $40,000.

Pa., Lancaster—E. A. Wilson, archt., 1208 Chestnut St., 3 story, 80 x 176 ft., rein.-con. and brick factory, plain foundation, to H. Wohlsen, Woolworth Bldg., for Bayuk Bros., 3rd and Spruce Sts. Noted Aug. 10.

Pa., Phila.—Fischers Dairy, Orthodox and Worth Sts. ,2 story, 52 x 54 ft. stable, 2 story, 40 x 61 ft. dairy and 16 x 31 ft. power house, Orthodox and Worth Sts., all brick and steel, plain foundations, to H. Gill, Jr., 2514 Germantown Ave.

Pa., Phila.—F. Pearson Co., 11th and Chestnut Sts., 5 story, 62 x 160 ft., rein.-con. and brick factory, plain foundation, Leverington and Wilde Sts., to H. H. Burrell, 206 South Quince St. Engrs. est. $300,000.

Pa., Phila.—Henderson Bros., 25th and Spruce Sts., 2 story, 40 x 118 ft. and 1 story, 30 x 115 ft. brick and steel garage, plain foundation, 27th and Bainbridge Sts., to J. H Hunkle Co., 25th and Delancey Sts. Engrs. est. $100,000.

Pa., Pittsburgh—Westinghouse Electric & Mfg. Co., Union Bldg., 4 story, and basement, 100 x 200 ft., rein.-con., brick, steel and stone plant and storage building, Susquehanna and Lang Aves., to W. F. Trimble & Sons, 1719 Penna. Ave.

Va., Richmond—News-Leader Publishing Co., 9 North 8th St., 4 story, 87 x 120 ft. plant, rein.-con., brick and steel, 4th and Grace Sts., to J. T. Wilson Co., Inc., Mutual Bldg. Archts. est. $200,000. Noted July 6.

S. C., Clover—Hampshire Spinning Co., 3 story, 133 x 294 ft., rein.-con. mill, to Gaston Constr. Co., Gastonia.

O., Cleveland—D. D. Wessels & Son, 1385 East 17th St., 2 story, 100 x 102 ft., brick and steel factory and warehouse, 2009 Oregon Ave., to G. A. Rutherford Co., 2725 Prospect Ave. Archts. est. $50,000. Noted Aug. 24.

O., Cleveland—G. S. Rider & Co., archts and engrs., Century Bldg., 1 story, 100 x 280 ft., brick and steel foundry, West 82nd St. and Almira Ave., to S. W. Emerson Co., 1900 Euclid Ave., for Crucible Steel Castings Co., Canal Rd. Archts. est. $100,000. Noted Aug. 17.

O., Cleveland—Templar Realty Co., c/o M. Marmorstein, 605 Ulmer Bldg., 1 story, 52 x 86 ft., brick and steel garage, East 69th St. and Euclid Ave., to Simon Constr. Co., 10211 Parkgate Ave. Archts. est. $40,000.

O., Youngstown—Youngstown Boiler & Tank Co., Foot of Mahoning Ave., 1 story, steel boiler and tank factory, Mahoning Ave., to Niles Forge and Machine Co., Niles. Engrs. est. $50,000.

Mich., Detroit — J. R. Wood, 616 East High St., 1 story, 90 x 120 ft., brick and steel garage, plain foundation, West Warren Ave., to F. H. Davis, 1838 Penobscot Bldg. Engrs. est. $40,000.

Mich., Grand Rapids—Grand Rapids Tire & Rubber Co., Fuller St., will build 3 story, 44 x 226 ft. brick and steel factory, Fuller St., by day labor. $250,000.

Wis., Appleton—G. R. & S. Motor Co., 738 Washington Ave., 1 and 2 story 30 x 75 ft. rein.-con. brick and steel garage, plain foundation, to E. F. Miller, 726 College Ave. Archts. est. $50,000. Noted Aug. 17.

Wis., Appleton—Valley Dairy Products Co., 2 story, 60 x 80 ft. dairy, rein.-con., brick and steel, to Hogman Constr. Co., 1087 Oneida St. Archts. est. $50,000. Noted Aug. 10.

Wis., Cudahy—Federal Rubber Co., Cudahy, 4 story, 120 x 250 ft., brick and timber factory, to T. Siderits Constr. Co., 1591 2nd St., Milwaukee. Archts. est. $250,000.

Wis., Kewaunee—Kewaunee Mfg. Co., 2 story, 30 x 140 ft. addition to factory, to F. Borkovetz, Kewaunee. Archts. est. $45,000.

Wis., Lake Geneva—J. Nutini, 1 story, 50 x 90 ice cream factory, rein.-con., brick and steel, to H. Huntress, Lake Geneva. Archts. est. $40,000.

Wis., Madison—J. Feldman Paper Box Co., 515 Regent St., 1 story, 60 x 120 ft. factory, rein.-con., brick and steel factory, Charter St., to W. H. Kuhlman, Madison (street address not available). Archts. est. $50,000. Noted Aug. 24.

Wis., Milwaukee — Milwaukee Electric Ry. & Light Co., 2nd and Sycamore Sts., will build 40 x 50 ft. substation addition, Oakland Ave., by day labor. R. H. Pinkley, c/o owner, engr. Equipment to General Electric Co.

Wis., Milwaukee—Seaman Body Corp., 1732 Richards St., 5 story, 100 x 225 ft. and 100 x 420 ft. plant, brick and timber, to T. Stark & Co., 130 Muskego Ave. Archts. est. $350,000. Noted Aug. 17.

Wis., Milwaukee—Walsh Harness Co., 137 Keefe Ave., 3 story, 48 x 50 ft., brick and timber warehouse, plain foundation, to Byrne Bros. Co., 3112 Burleigh St. Archts. est. $40,000.

Wis., Neenah—Jaeger-Dowling Co., 214 South Commercial St., 1 story, 75 x 120 ft. concrete and brick garage, plain foundation, North Commercial St., to E. F. Miller, 1st Natl. Bank Bldg., Appleton. Archts. est. $40,000. Noted Aug. 10.

Wis., Spooner—Chicago, St. Paul, Minneapolis & Omaha Ry. Co., 275 East 4th St., St. Paul, Minn., brick and concrete roundhouse, here, to J. E. Donlin, 1271 Ashland Ave., St. Paul, Minn., $50,000.

Wis., West Allis—Allis-Chalmers Mfg. Co., National Ave., general contract, 1 story, 176 x 406 ft., concrete, brick and steel carpenter shop, plain foundation, to Klug & Smith, 69 Wisconsin St., Milwaukee; structural steel to Milwaukee Bridge Co., 1400 34th St., Milwaukee.

Industrial Works (Continued)

Minn., St. Paul—North St. Paul Casket Co., North St. Paul, 4 story, 95 x 150 ft. rein.-con., brick, stone and tile factory and office, University Ave. and Griggs St., here, general contract to F. C. Norlander, 409 Metropolitan Bank Bldg., $92,750.

Tex., Dallas—Otis Elevator Co., Young and Akard Sts., 2 story, 75 x 150 ft., warehouse and shop, brick and steel, plain foundation, to Inge Constr. Co., Southwestern Life Bldg. Archts. est. $75,000-$100,000.

Calif., Stockton—Xclusive Laundry, 427 East Lafayette St., 1 story, 92 x 150 ft. brick and concrete laundry, Lafayette and California Sts., to Davis-Hellar-Pearce Co., Delta Bldg., $50,000. Noted July 27.

B. C., Kimberly—Consolidated Mining & Smelting Co., Ltd., Trail, will build 1,500 ton concentrator plant, by day labor. $1,250,000 to $1,500,000. S. G. Blaylock, genl. mgr. Noted July 20.

B. C., Vancouver—Dominion Government, Ottawa, Ont., 30 x 60 ft. grain drying plant, 90 ft. high, 1 story, 30 x 75 ft. boiler house at government elevator here, to Barnet, McQueen & Co., Ltd., Fort William, Ont., $85,000.

Buildings

PROPOSED WORK

Mass., Athol—Hospital—Athol Memorial Hospital, Newton St., having plans prepared by Kendall, Taylor & Co., archts., 142 Berkeley St., Boston, 3 story, brick and concrete, Newton St. $200,000.

N. Y., Rochester—Apartment—S. Tandler, 461 Clifford Ave., plans razing present frame house and constructing 3 story, 60 x 184 ft., brick, South Union St. $200,000. Architect not announced.

N. Y., Syracuse — Apartment — James Apartment Corp. plans brick, James St. $250,000. Architects name withheld.

N. J., New Brunswick—School—Bd. Educ. plans 3 story, 150 x 250 ft., brick and steel. $170,000. Architect not selected.

N. J., Princeton—Hotel—Princeton Inn Co. plans hotel, Alexander St. $350,000. C. Browne, pres. Engineer not selected.

Pa., Dormont—Church—O. M. Topp, archt., Jenkins Arcade, Pittsburgh, soon lets contract 1 story, balcony and basement, 66 x 75 ft., Potomac and Espy Sts., for Presbyterian Church. $175,000.

Pa., Monaca—High School—Bd. Educ. soon takes bids 16 room, with gymnasium and auditorium, Indiana and 10th Sts. $150,000. J. H. Phillips, Fulton Bldg., Pittsburgh, archt.

Pa., Phila.—Apartment—J. F. Clark, archt., 23 South 16th St., soon takes bids 4 story, 40 x 125 ft., brick, steel and stone, plain foundation, 18th and Vine Sts. $200,000. Owner's name withheld.

Pa., Pittsburgh—Hospital—Homeopathic Hospital, Center Ave., plans additions. $1,000,000. Architect not selected.

Va., Roanoke—High School—Bd. Educ. soon takes bids 2 story. $200,000. H. C. Richards, 618 Chestnut St., Phila., archt. Noted May 18.

La., New Orleans—University—Loyola University, 6363 St. Charles St., having plans prepared by P. Torre, Jr., archt., Canal Commercial Bldg., first unit, 4 story, 60 x 200 ft. concrete, brick, steel and terra cotta, $300,000. Ultimate cost $1,000,000.

Tenn., Morristown—Dining Room and Dormitories—Methodist Episcopal Church of America having plans prepared by Barber & McMurry, archts. and engrs., Burwell Bldg., Knoxville, 1 dining room and 2 dormitories, each 3 story, 40 x 150 ft., at Morristown Normal and Industrial College. $150,000.

Tenn., Nashville—Memorial and Capitol Annex—Tennessee Memorial Comn., takes bids within 30 or 60 days for memorial and capitol annex, Capitol Blvd. $1,250,000. A. A. Taylor, chn. McKim, Mead & White, 101 Park Ave., New York City, archts. E. Dougherty, Stahlman Bldg., associated archt.

O., Cincinnati—Office and Lodge — Brotherhood of Railway & Steamship Clerks, Freight Handlers, Express and Station Employees, having plans prepared by Rendigs, Panzer & Martin, archts., 609 Lincoln Inn Court Bldg., 7 story, 90 x 120 ft., brick, plain foundation, Court and Vine Sts. $500,000. E. H. Fitzgerald, 2nd. Natl. Bank, grand pres.

O., Cleveland—Apartments—B. Koslen, 10612 Olivet Ave., plans two 4 story, brick and steel, East 85th St. near Euclid Ave. $250,000. M. Wies, Union Bldg., archt.

O., Cleveland — Commercial-Premier Building Co., c/o W. L. Flory of Thompson, Hine & Flory, Williamson Bldg., plans 6 story, brick and concrete, East 18th St. and Chester Ave. $200,000. Private plans.

O., Cleveland—Commercial and Hotel—S. Kaplan, 1418 Prospect Ave., having plans prepared by R. H. Hinsdale, archt., Bangor Bldg., 4 story, 62 x 90 ft., brick and steel, 1428 Prospect Ave. $150,000.

O., Cleveland—Medical Library—Cleveland Medical Library Assn., c/o G. E. Follansbee, 9615 Miles Ave., having plans prepared by Walker & Weeks, archts., 1900 Euclid Ave., 3 story, brick, steel and concrete, 2318 Prospect Ave. $400,000.

O., Cleveland—Memorial—Cleveland Memorial Entombment Co., c/o W. H. Allen, Hickox Bldg., plans 1 story, marble and granite, Euclid Ave. near Chardon Rd. $150,000. A. W. Harris, Cleveland Discount Bldg., archt.

O., Cleveland — School—St. Ladislaus Slovenian Catholic Church, 2813 East 95th St., having plans prepared by W. C. Jansen, archt., Electric Bldg., 3 story, 16 room, brick, steel and concrete, East 95th St. and Holton Ave. $150,000.

O., Dayton—Bank—Amer. Natl. Bank, 16 South Main St., having plans prepared by Pretzinger & Musselman, archts., 1155 Reibold Bldg., 2 or 3 story, 50 x 200 ft., rein.-con. and stone, concrete pile foundation, South Main St. $175,000.

O., Dover—Theatre and Lodge—Dover Pythian Castle Co. having plans prepared by G. A. Ebeling, archt., Newman-Stern Bldg., Cleveland, 4 story, 50 x 150 ft., brick, steel and concrete. $150,000.

O., Findlay—School—Plans $325,000 bond issue for modern centralized school.

O., Rocky River—Commercial and Theatre—N. T. Teshera, c/o W. S. Ferguson Co., archts. and engrs., 1900 Euclid Ave., Cleveland, having plans prepared 1 and 2 story, brick, steel and concrete, Detroit Rd. and Blount St. $200,000.

O., St. Marys—High School—Bd. Educ. had plans prepared 2 story, 100 x 146 ft. high school. $160,000. Noted July 13.

Mich., Detroit—Apartment—J. I. Weinberg, archt., 401 Congress Bldg., prepared plans for 4 story, 80 x 140 ft. brick and steel, plain foundation, Van Dyke and Agnes Aves. $175,000. Owner's name withheld.

Mich., Grand Rapids—Mercantile—P. Steketee & Sons, Monroe St., having plans prepared by Robinson & Campau, archts., Michigan Trust Bldg., 8 story, 50 x 135 ft. rein.-con., steel and terra cotta, Monroe Ave. $250,000.

Ill., Chicago—Church—Bethany Evangelical Lutheran Congregation, c/o W. C. Jones, archt., 105 South La Salle St., plans rein.-con., brick and steel, Cullom Ave. and North Paulina St. $150,000.

Wis., De Pere—School—Bd. Educ. plans 2 story vocational school. $150,000. W. R. Mathews, clk. Architect not selected.

Wis., Hayward—High-Grade School—Bd. Educ. voted $150,000 bonds, 2 story, 50 x 150 ft., brick, rein.-con. and steel, plain foundation. Architect not selected.

Wis., Kenosha—Court House, Administration and Jail—Kenosha Co. having revised plans prepared by Lindl, Lesser & Schutte, archts., 82 Wisconsin St., Milwaukee and Wisconsin Sts., Kenosha, 3 story, 126 x 226 ft. and 67 x 138 ft., rein.-con., and stone, plain foundation, Sheridan Rd., $650,000. Noted April 6.

Wis., Kenosha—School—School Bd. having preliminary plans prepared by J. D. Chubb, archt., 109 North Dearborn St., Chicago, 3 story, brick, concrete and tile, plain foundation. $300,000.

Wis., Milwaukee — Apartment-Hotel — Juneau Park Surf Co., c/o E. B. Woolf & Co., 79 West Madison St., Chicago, having plans prepared by Hetherington & Krieg, archts., 80 West Washington St., Chicago, 8 story, concrete, brick and tile, plain foundation, Juneau Pl., here. $1,500,000.

Wis., Milwaukee—Club and Business—P. & P. Order of Stags, c/o R. Smith, (exalted ruler) 848 3rd St., having preliminary plans prepared by J. K. Lamboy, archt., 848 3rd St., 2 story, 100 x 200 ft., rein.-con., brick and concrete, plain foundation. $150,000.

Wis., Milwaukee—Depot—Chicago, North Shore & Milwaukee R.R., 72 West Adams St., Chicago, plans 1 story, rein.-con. and brick addition, 6th and Cylbourn Sts., here. $150,000. A. W. Gerber, c/o owner, archt.

Wis., Milwaukee—High School—Our Lady of Mercy Academy, 705 National Ave., having preliminary plans prepared by Brust & Philipp, archts., 405 Bway., 3 story, 100 x 150 ft., brick and concrete, plain foundation, 15th Ave. and Mineral St. $250,000.

Neb., Omaha—Club and Office—A. Sears, 448 Brandis Bldg., had preliminary plans prepared by McDonald & McDonald, archts., 204 Standard Oil Bldg., 10 story, rein.-con., brick, stone and steel, 18th and Dodge Sts. $1,500,000.

Wash., Seattle—Lodge—B.P.O.E., 4th and Spring Sts., plans 300 room hotel with auditorium, (3,500 seating capacity), 4th and Madison Sts., adjoining present building. $1,000,000. J. C. Slater, chm. building com. Architect not selected.

Calif., Fresno—Administration—Central Union High School Dist., c/o Co. Supt. of Schools, plans 1 story. $150,000. Architect not selected.

Calif., Mountain View — High School—Mountain View High School Dist. having plans prepared by W. H. Weeks, archt., 369 Pine St., San Francisco, group of high school buildings. $197,000.

Calif., San Francisco—Home—City and San Francisco Co. plan election to vote on $2,000,000 bonds for new relief home. J. Reid, Jr., city archt., 1st Natl. Bank Bldg., will probably be commissioned to draw plans.

Calif., San Jose—Temple—San Jose Masonic Temple Assn., South 1st St., having plans prepared by C. Werner, archt., Humboldt Bank Bldg., San Francisco, 3 story, rein.-con., 3rd and James Sts. $250,000.

Que., Montreal—Church—Fabrique St Philomene, 34 St. Sulpice St., plans church Masson St. and 6th Ave., Rosemont. $150,000.

Ont., Hamilton—Collegiate—Bd. Educ. plans 16 room brick, Main St. $160,000. W. Parke, chn. building com.

B. C., Vancouver—Office—J. J. Coughlan, 738 Granville St., having plans prepared by M. Helyer, archt., c/o owners, 4 or 5 story, 50 x 120 ft., steel, terra cotta and brick, Granville St. near Robson. $150,000.

BIDS DESIRED

Mass., Worcester—High School—Sept. 2 (change of date), by School Comn., 3 story, 181 x 268 ft. brick, concrete and steel, Arthur, Grafton and Dorchester Sts. $700,000. J. D. Leland Co., 41 Mt. Vernon St., Boston, archts. Noted Aug. 10.

N. Y., Buffalo—School—Sept. 11, by Bd. Educ., 1401 Telephone Bldg., School 69, 3 story, 175 x 250 ft., rein.-con., brick and tile, Clinton St. $400,000. Associated Buffalo Architects, 232 Delaware Ave., archts.

N. Y., Glens Falls—School—Sept. 18, by Bd. Educ., brick, steel and stone, plain foundation. $250,000. Tooker & Marsh, 101 Park Ave., New York, archts. and engrs. Noted May 11.

N. Y., New York—Museum—Sept. 7, by Park Bd., Municipal Bldg., new wing to be known as southeast wing and court building known as Hall of Ocean Life, incl. passage to connect court building to southeast wing, for Amer. Museum of Natural History, Manhattan Sq. Bids will also be received for plumbing work, ventilating and humidifying apparatus, steam heating, and fume removal apparatus, etc. Noted Aug. 10.

N. Y., Port Jervis—High School—Sept. 12, by Bd. Educ., brick, steel and stone, plain foundation, $400,000. Tooker & Marsh, 101 Park Ave., New York, archts. and engrs. Noted June 1.

N. Y., Rochester—Bank—J. F. Warner, archt., Granite Bldg., taking bids 5 story, 85 x 85 ft., State and Corinthian Sts., for Natl. Bank of Commerce, State St. $500,000. Noted March 30.

N. Y., Saratoga Springs—High School—Sept. 18, by Bd. Educ., new high school, Lake Ave. $400,000. Coffin & Coffin, 522 5th Ave., New York, archts. and engrs. Noted April 20.

Pa., Johnstown—Auditorium and Gymnasium—Sept. 11, by J. D. Rutledge, pres. School Dist., 601 Swank Bldg., 3 story, 100 x 160 ft. brick and stone auditorium and gymnasium in high school. $350,000. Former contract rescinded. Noted Aug. 24.

Pa., Phila.—Apartment—S. Cohn, 411 South 62nd St., taking bids 3 story and basement, 84 x 94 ft. brick and steel, plain foundation, 46th St. and Osage Ave. $200,000. H. L. During, 1309 Locust St., archt.

Pa., Phila.—School—Sept. 7, by Bd. Educ., 3 story, brick, steel and stone, plain foundation, Palmetto and Bleigh Sts. $500,000. Private plans.

Pa., Pittsburgh—Temple—Sept. 11, by Syria Improvement Assn., Syria Temple, 4 story, 51 x 206 ft., brick and terra cotta, Lytton Ave. and Bayard St. $150,000. R. G. Schmidt & Co., 154 West Randolph St., Chicago, Ill., archts. Noted June 29.

Pa., Williamsport—Church—J. C. Winter and H. J. Wilson, 1001 Market St., taking bids 2 story, and basement, 100 x 110 ft., brick and stone, plain foundation, Bennett and Packer Sts., for First United Evangelical Church, Packer and Bennett Sts. $150,000. Noted April 6.

N. C., Raleigh—School—Sept. 8, by School Bd., for Thompson School, 2 story, 120 x 162 ft., brick and stone, Hargett St. $150,000. C. G. Sayre, Raleigh (street address not available), archt. Noted July 27.

Buildings (Continued)

O., Cleveland—High School—Sept. 18, by Bd. Educ. East 6th St. and Rockwell Ave., 3 story, 250 x 300 ft., brick, steel and concrete, East 152nd St. and St. Clair Ave. $2,000,000. F. G. Hogen, dir. W. R. McCornack, East 6th St. and Rockwell Ave., archt. Noted Oct. 27.

O., Cleveland—Parcel Post Station—Lehman & Schmitt, archts., Electric Bldg., taking bids and opens same about Sept. 1, 3 story, brick and concrete, 131 West St. Clair Ave., for G. Keller, 2230 Superior Ave. $150,000. Noted July 13.

Mich., Ann Arbor—School—Sept. 5, by Bd. Educ., Lincoln School, 2 story, 134 x 156 ft., rein.-con., and brick. $200,000.

Mich., Dearborn—Hotel—Sept. 20, by Kohner & Seeler, archts., 1402 Kresge Bldg., Detroit, 4 story and basement, 100 x 160 ft., brick, terra cotta and steel, plain foundation, Michigan Ave., for Dearborn Hotel Co., c/o architects. $150,000. Noted Aug. 10.

Mich., Ramsey—Housing—Castile Mining Co., Ramsey, taking bids 85 five and six room modern houses, one clubhouse and one community house. $350,000.

Ill., Chicago—Apartment—A. G. Lund, archt., 453 West 63rd St., receiving bids 3 story, 125 x 177 ft., rein.-con., brick and steel, 67th and Merrill Sts., for J. S. Smith, 6720 Clyde Ave. $250,000.

Ill., Chicago—Church—H. K. Holsman, archt., 304 South Wabash St., receiving bids 60 x 100 ft. rein.-con., brick and steel, 57th St. and University Ave., for University Church of Disciples, c/o architect. $200,000.

Wis., Milwaukee—Apartment—R. Razall, archt., 330 Caswell Blk., receiving bids and opens same about Sept. 4, 3 story, 2 units each, 50 x 110 ft., concrete and brick, plain foundation, East Side, for Hotel Investors, Inc., 330 Caswell Blk. $250,000.

Wis., Racine—Hotel—Sept. 15, by New Racine Hotel Co., 6th and Main Sts., and W. E. Perry and Fugard & Knapp, archts., 212 East Superior St., Chicago, 1st unit, 7 and 8 story, 100 x 120 ft., rein.-con., brick and steel, plain foundation. $600,000. Noted April 13.

Ia., Cedar Rapids—High School—Bd. Educ., c/o J. A. Motejl, secy., 705 1st Ave., receiving bids and opens same about Sept. 20, 3 story, 160 x 200 ft., rein.-con., brick, tile and stone. $475,000. F. Tustison Co., 322 Auditorium Bldg., Minneapolis, Minn., engrs. B. Rugh, 811 Security Bldg., archt. Noted Aug. 17.

Ia., Cedar Rapids—Hospital—Mercy Hospital Assn., c/o Sister Sephias, receiving bids and opens same about Sept. 10, 6 story, 80 x 120 ft. addition, rein.-con., brick, tile and stone, 6th Ave. between 8th and Division Sts. $250,000. W. L. Steele, 502 United Bank Bldg., Sioux City, archt. Noted Aug. 10.

Kan., Atchison—Academy—Sept. 15, by E. Brielmaier & Sons Co., archts., 432 Bway., Milwaukee, Wis., 4 story, rein.-con. and brick, plain foundation, for St. Scholastica Academy, 8th and Eccher Sts. $500,000. Noted Aug. 10.

Calif., San Francisco—Church and School—C. Fantoni, archt., 550 Montgomery St., receiving bids 3 story, rein.-con. and steel, Filbert St. near Powell St., for Roman Catholic Archbishop of San Francisco, 1100 Franklin St. $200,000.

BIDS RECEIVED

Me., Belfast—High School—Bd. Educ. opened bids 3 story, 130 x 153 ft., brick and steel, Church St., from Forgione & Romano, Fidelity Bldg., Portland, $195,920; O. Nelson Co., 194 Exchange St., Bangor, $255,829; H. Purinton Co., 61 Temple St., Waterville, $264,500. Noted July 13.

Md., Baltimore—Hospital—E. H. Glidden, archt., 1210 Amer. Bldg., opened bids Aug. 16, group of 9 buildings, incl. administration, 3 pavilions, nurses home, kitchen building, laundry, power house, etc., also grading, sewers, etc., Baltimore City Hospital for Communicable Diseases, Hillen Rd., (a) primary bid, (b) secondary bid, from Price Constr. Co., Maryland Trust Bldg., (a) $674,500 (b) $645,900, R. B. Mason, 308 West Madison St., (a) $680,000 (b) $653,000, M. A. Long Constr. Co., 2016 West North Ave., (a) $707,210 (b) $671,987.

Minn., Mankato—Administration—State Bd. Control, State Capitol, St. Paul, opened revised bids Aug. 17, 3 story, irregular shaped, rein.-con., brick and tile, State Teachers College, here, (a) main bid (b) alternate for unfinished int., from J. C. Nelson Constr. Co., Mankato, (a) $247,120, (b) $89,900, Madsen Constr. Co., Builders Exchange Bldg., Minneapolis, (a) $249,322, (b) $86,966, Fleisher Constr. Co., 1000 Builders Exchange Bldg., (a) $250,000, (b) $84,360. Contract awarded to lowest bidder. Noted Aug. 17.

CONTRACTS AWARDED

Mass., Brighton (Boston P. O.)—Apartment—D. Cerussi, 15 Exchange St., Boston, 5 story, 100 x 100 ft., brick, here, to F. J. Van Etten Co., 80 Boyleston St., Boston. Archts. est. $500,000.

R. I., Cranston—Library—Elmwood Library Assn., 2 story, 60 x 110 ft. brick, marble and fireproof construction, Elmwood and Princeton Aves., to J. W. Bishop Co., 109 Foster St., Worcester, Mass. Archts. est. $300,000.

N. Y., Brooklyn—Apartment—Zol Cla Constr. Co., c/o C. B. Meyers, archt. and engr., 31 Union Sq., New York, 9 story, 120 x 150 ft., brick, steel and stone, plain foundation, Ocean Ave., here, by day labor. $700,000.

N. Y., New York—Apartment—One Fifty East 73rd St. Corp., 403 Madson Ave., 11 story, brick, steel and stone, plain foundation, East 73rd St., to J. Lowry, Jr., 171 Madison Ave. Archts. est. $1,250,000.

N. Y., New York—High School—Bd. Educ., 500 Park Ave., addition to Julia Richman High School, brick, steel and stone, plain foundation, 67th and 68th Sts. near 2nd Ave., to Frymier & Hanna, 25 West 45th St., $1,864,000. Archts. est. $1,900,000. Noted Aug. 10.

N. Y., New York—Hotel—Forty One West 81st St. Corp., 345 Madison Ave., 15 story, brick, steel and stone, plain foundation, 41 West 81st St., to J. G. Siegel, 343 Madison Ave. Archts. est. $750,000.

N. Y., New York—Loft—C. Glazer, Inc., 175-5th Ave., 9 story, brick, steel and stone, plain foundation, 146 West 26th St., to V. Lynch & Co., 270 West 19th St. Archts. est. $350,000.

N. Y., New York—Office—Forty Nine West 45th St. Corp., c/o Sommerfeld & Steckler, archts. and engrs., 31 Union Sq., brick, steel and stone, plain foundation, 49 West 45th St., to G. Backer Constr. Co., 285-5th Ave. Archts est. $300,000. This corrects report in Aug. 17th issue.

N. Y., New York—Office—Prudence Bond Corp., 31 Nassau St., 14 story, 66 x 100 ft., Madison Ave. and 43rd St., to Realty Association, 162 Remsen St., Brooklyn. Noted Feb. 9.

Pa., Dunlo—High School—Bd. Educ., c/o M. L. Smith, secy., 2 story and basement, 130 x 150 ft., to L. F. Swinter, Ebensburg. Archts. est. $150,000.

Pa., Phila.—Apartment—M. E. LaDow, Oak Lane, 3 story, 40 x 121 ft. brick, steel and stone, plain foundation, 13th St. and Oak Lane, to W. P. Cameron Eng. Co., Witherspoon Bldg. Archts. est. $150,000.

Pa., Phila.—Loft—33rd and Arch Sts. Realty Co., c/o C. E. Wunder, archt., 1415 Locust St., 2 story and basement, 70 x 133 ft. rein.-con. and brick, plain foundation, 33rd and Arch Sts., to J. S. Rogers & Co., Drexel Bldg. Archts. est. $150,000.

Pa., Phila.—Office—E. Hummel, c/o Martin & Kilpatrick, archts., Otis Bldg., 8 story, 22 x 153 ft. brick, steel and stone, 20th and Chestnut Sts., to W. R. Dougherty, 1610 Sansom St. Archts. est. $500,000.

Pa., Phila.—Office and Sales—Westinghouse Electric Co., Weidner Bldg., 10 story, 95 x 111 ft. rein.-con. and brick, plain foundation, 30th and Walnut Sts., to Hughes-Foulkrod Co., Commonwealth Bldg. Noted June 29.

Pa., Phila.—Theatre and Stores—R. Hill, 304 Sommerset St., 2 story, 58 x 104 ft., brick and steel, plain foundation, Front and Huntington Sts., to C. A. Booth Co., 4355 Frankford Ave. Archts. est. $200,000.

Pa., Pittsburgh — Gymnasium, etc. — Duquesne University, Bluff St., 3 story and basement, 80 x 125 ft., gymnasium and power house, Colber and Locust Sts., to Rose & Fisher, 819 Penna. Ave. Archts. est. $150,000.

Pa., Pittsburgh — School — Bd. Educ., Fulton Bldg., 2 story addition, Hazelwood Ave., general contract, to Pittsburgh Eng. & Constr. Co., Homewood Ave., $151,805. Noted July 27.

Pa., Pittsburgh—Store—Kaufmans Dept. Store, 5th Ave. and Smithfield St., 1 story, 93 x 118 ft. top addition. Smithfield and Diamond Sts., to J. F. Love, Arrot Bldg. Archts. est. $150,000. Noted July 13.

Pa., Pittston—Office—Newrose Building Co., Pittston, 48 room brick and steel, South Main and Spring Sts., to Alimo Bros., Pittston. Archts. est. $150,000.

Pa., State College—Dormitory—Day & Klauder, archts., Franklin Bank Bldg., Phila., 4 story, 42 x 106 ft. brick, steel and stone, plain foundation, to F. B. Boyer, Tyrone, for Pennsylvania State College, here. Noted July 27.

Fla., West Palm Beach—Theatre, etc.—C. Kettler and associates, 5 story, theatre, store and office building, steel, stucco and terra cotta, to Foundation Co., 3rd Natl. Bank Bldg., Atlanta, Ga., $300,000.

O., Orient—Cottages—Dept. Public Welfare, 9th and Oak Sts., Columbus, two 65 x 135 ft. and four 30 x 110 ft. cottages, all brick and concrete, at Institution for feeble minded, here, to D. W. McGrath & Sons, 255 East Broad St., Columbus, $639,836. Noted July 20.

Mich., Detroit—Schools—Bd. Educ., 1354 Bway. Ave., 2 story, 85 x 135 ft. and 78 x 90 ft. rein.-con., brick and steel addition, Congress St., to G. Worswick, 3280 Whitney Ave., $209,726; 2 story and basement, 105 x 145 ft. rein.-con., brick and steel, Kerwin Ave. to Martin & Krausmann, 606 Woodward Ave., $202,492; 3 story, 168 x 334 ft. rein.-con., brick and steel, Selden and Hamilton Aves., to A. A. Albrecht, 540 Penobscot Bldg., $748,250. Noted July 27 and Aug. 3.

Ill., Chicago—Apartment-Hotel—Judson Hotel Co., c/o H. L. Stevens Co., archts., 30 North Michigan Ave., 10 story, 100 x 136 ft., rein.-con., brick and steel, 5032 Sheridan Rd., to B. W. Constr. Co., 726 Cass St. Archts. est. $1,250,000.

Wis., Green Bay—Lodge—Independent Order of Odd Fellows Lodge, 822 Grigman St., 3 story, 36 x 112 ft., rein.-con., brick and steel, plain foundation, to E. H. Regal, 134 South Adams St. Archts. est. $150,000.

Wis., Wausau—Hospital—Wausau Memorial Hospital c/o O. C. Lemke, Cleveland Ave. and St. Thomas St., 4 story, rein.-con. and brick, plain foundation, to Wisconsin Eng. and Constr. Co., 512 3rd St. Archts. est. $250,000.

Minn., Albert Lea—Bank and Office—Albert Lea State Bank, 4 story, 44 x 122 ft. rein.-con., brick and tile, general contract to C. M. Tapager, Faribault, $113,500. Noted July 6.

Minn., Carlton—Court House—Carlton Co., 3 story, 78 x 125 ft., rein.-con., brick and stone, to J. J. Niebuhr, 2822 Penn Ave., Minneapolis, $218,187. Noted Aug. 10.

Minn., Crookston—School—St. Benedicts Academy, c/o Benedictine Sisters, general contract 3 story, 50 x 220 ft., rein.-con., brick and tile, to Schwartz & Co., Rochester, on percentage basis. Total about $22[illegible]000. Noted Jan. 13, 1921.

Minn., Minneapolis—Apartment—Burton Investment Co., 733 1st Natl.-Soo Line Bldg., 3 story, 110 x 192 ft., rein.-con., brick and tile, 25½ St. and Humboldt Ave. S., general contract, incl. mechanical equipment to Fleisher Constr. Co., 1000 Builders Exchange Bldg. Cost complete $250,000.

Minn., St. Cloud—School, etc.—Roman Catholic Diocese of St. Cloud, orphanage group, incl. 2 story school and chapel, both brick, concrete and tile, 6 cottages, general contract to E. Hurt & Son, St. Cloud. $219,300.

Minn., St. Paul—Apartment—A. H. Heimbach, 1610 University Ave., will build 3 story, 110 x 134 ft. brick, concrete and tile, Portland Ave. between Albert and Pascal Sts., by day labor. $150,000.

Kan., Emporia—Hotel—S. M. Parker, Wichita, will build 3 story, 130 x 150 ft. rein.-con., brick and stone, here, by day labor. $200,000. G. H. Siedhoff Constr. Co., 126 East 1st St., Wichita, archts.

Tex., Cisco—High School—Bd. Educ., 3 story, 133 x 175 ft., rein.-con., steel, brick and stone, to Johnson Constr. Co., Cisco, $160,000.

Calif., Berkeley — Hall — University of California, 2 story, rein.-con., to K. E. Parker, Clunie Bldg., San Francisco, $337,400. Noted Aug. 17.

Calif., Gilroy—Schools—Gilroy School Dist., 6 room high school and 14 room elementary school, general contracts, to E. Nommensen, South 5th St., San Jose, $75,564 and $38,704 respectively. Noted Aug. 24.

Calif., Oakland—High School—Bd. Educ., 2 story, brick, 26th, 28th, Myrtle and Linden Sts., general contract to R. W. Littlefield, Everson Bldg., $179,700; heating and ventilating to Scott Co., 243 Minna St., San Francisco, $28,578; brick work to M. B. McGowan, 180 Jessie St., San Francisco, $33,987; electric work to F. E. Mewbery Electric Co., 359 Sutter St., San Francisco, $44,850. Noted July 20.

Calif., San Francisco—Apartment—Crest View Apartments, Inc., c/o J. L. Stewart, archt., Spreckels Bldg., 8 story, rein.-con., Gough and Washington Sts, to Monson Bros., 251 Kearny St., $400,000.

Que., Marieville—Hospital—Les Soeurs Grised de St. Hyacinthe, St. Hyacinthe, 3 story, 60 x 150 ft., rein.-con., brick and stone, here, to A. and D. Boileau, 546 Fabre St., Montreal, $153,000.

B. C., Prince Rupert—Court House—Provincial Government, Parliament Bldgs., Victoria, 2 story and basement, 56 x 159 ft. rein.-con. and brick, plain foundation, to McDougall & McNeill, Prince Rupert, (street address not available). Archts. est. $400,000.

Federal Government Work

PROPOSED WORK

Pa., Phila.—Dredging Plant—U. S. Engineer, 815 Witherspoon Bldg., soon takes bids for hire of dredging plant.

Pa., Phila.—Painting Radio Towers—Spec. 4704—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans painting radio towers, here.

Mich., Battle Creek—Hospital—U. S. War Veterans' Bureau, 1044 Arlington Bldg., Wash., D. C., plans 15-20 buildings, 2 and 3 story, concrete and steel, plain foundations, for U. S. Veterans' Hospital, Camp Custer, here. C. R. Forbes, dir.

Calif., Mare Island—Storage Plant—Spec. 4703—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans fuel oil storage plant, here.

Cuba, Guantanamo — Chimney — Spec. 4705—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans rein.-con. chimney, here.

BIDS DESIRED

N. Y., Buffalo—Dredging—Sept. 28, at office U. S. Engineer, Buffalo, dredging and rock excavation in Sandusky Harbor, O.; adv. this issue.

N. Y., Chelsea—Brick—Sept. 5, by Treas. Dept., Wash., D. C., furnishing and delivering 5,000,000 brick at site of proposed U. S. Veterans' Hospital, here. J. A. Wetmore, acting superv. archt.

D. C., Anacostia—Hangar—Spec. 4691—Sept. 13, by Bureau Yards & Docks, Navy Dept., Wash., D. C., for hangar, here.

Va., Langley Field—Quarters—Sept. 20, by Constructing Quartermaster, labor and material for 2 officers' quarters. Noted May 4.

Ga., Savannah—Repairing Walls—Sept. 26, at office U. S. Engineer, repairing retaining walls in harbor; adv. this issue.

Colo., Fitzsimons—Cast Iron Mains, etc. —Sept. 22, by Constructing Quartermaster, Fitzsimons General Hospital, for approximately 2½ mi. 12-in. c.i. mains, etc.; adv. this issue.

N. M., Ft. Bayard—Quarters—Sept. 27, by Treas. Dept., Wash., D. C., officers and employees quarters at U. S. Veterans' Hospital, here; adv. this issue.

H. T., Honolulu—Dredging—Oct. 31, at office U. S. Engineer, Honolulu, dredging in harbor; adv. this issue.

BIDS RECEIVED

Va., Quantico—Retaining Walls—Spec. 4647—Bureau Yards & Docks, Navy Dept., Wash., D. C., retaining walls at Marine Flying Field, here, from E. G. Heflin, Fredericksburg, $5,200; Concrete Steel Building Co., 710 14th St., Wash., D. C., $5,944 (75 days). Noted July 27.

Ala., Tuskegee — Roads and Walks — Treas. Dept., Wash., D. C., roads and walks at U. S. Veterans' Hospital, here, from A. Blair, 11 South Lawrence St., Montgomery, $124,050; Jamison & Hallowell, 835 North Court St., Montgomery, $131,823; Noland-Clifford Co., 322 28th St., Newport News, Va., $132,240.

Calif., San Diego—Wards and Service Building—Spec. 4636—Bureau Yards & Docks, Navy Dept., Wash., D. C., wards and service building for hospital reservation at Naval Base, here (1) work complete, from Lange & Bergstrom, 819 Timkin Bldg., (1) $400,000 (300 days), (2) $3,000 telegraphic modification add $84,500 to Item (1) deduct $1,000 from Item (2); W. Simpson Constr. Co., 526 Morris Strong Bldg., Los Angeles, (1) $500,000 (300 days) (2) $1,300 telegraphic modification (1) add $14,783 (2) add $600; W. E. Kerr Constr. Co., 1st Natl. Bank Bldg., (1) $500,000 (2) $2,000 telegraphic modification (1) add $17,511 (2) add $500.

H. T., Pearl Harbor—Quaywalls, etc.—Spec. 4591—Bureau Yards & Docks, Navy Dept., Wash., D. C., quaywalls and pier at Naval Operating Base, here, (1) work complete, from Hawaiian Dredging Co., 854 Kaumana St., Honolulu, (1) $1,000,000 (450 days) (5a) add $23,000 deduct $21,000 (7) add $5 deduct $3 (8) add $1.50 deduct $1 (10) $0.90 telegraphic modification (1) deduct $188,257 (5) deduct $4,715 and $6,396 (7) deduct $1 and $1 (8) deduct $1 deduct $0.70 (10 deduct $0.15; J. Lloyd, McKansas Bldg., Honolulu, (1) $1,104,736 (450 days) (2) $1,200,860 (450 days) (3) $785,000 (5) $18,400 (6) $5,120 (7) $3 (8) $1 (9) $3 (10) $1.10. Noted July 20.

CONTRACTS AWARDED

N. J., Camden—Dredging—U. S. Engineer, 815 Witherspoon Bldg., Phila., dredging in Delaware River, here, to Amer. Dredging Co., 310 Mariner & Merchant Bldg., Phila., 174,000 cu.yd. scow measurement $0.34, total $59,160. Noted Aug. 17.

La., New Orleans—Earthwork—U. S. Engineer, 140 Decatur St., earthwork in Lower Tensas, Atchafalaya, Lafource, Barataria, Ponchartrain, and Lake Borgne Levee Dists., to E. W. Fravolet, Point a la Hache, Walzer Levee, 18,000 cu.yd. $0.2975 per cu.yd.; Kellar Co., Inc., Baton Rouge, (street address not available), 96,000 cu.yd. $0.2387; Grounds & Laiche, Shreveport, Lucy Levee, 65,000 cu.yd. $0.264; Roach, Stansell & Lawrence Bros., North Memphis Savings Bank Bldg., Memphis, Tenn., Wecama Levee, 370,000 cu.yd., $0.289; Ogden-Lewis, Baton Rouge, Bennett Levee, 250,000 cu.yd. $0.234, also Sims Levee, 250,000 cu.yd., $68,750. Noted Aug. 3.

Calif., San Diego—Wire Partitions—Spec. 4696—Bureau Yards & Docks, Navy Dept., Wash., D. C., wire partitions at Naval Supply Base, here, to Standard Fence Co., 245 Market St., San Francisco, $3,999. Noted Aug. 24.

Miscellaneous

PROPOSED WORK

Swimming Pools—Elmira, N. Y.—Bd. Pub. Wks., plans 3 or 4 swimming pools. $25,000 each.

Transmission Line—Hornell, N. Y.—Hornell Electric Co., 30 Canisteo St., plans 5 mi. high power transmission line from here to Arkport. $25,000.

Memorial—Rochester, N. Y.—Edgerton Memorial Assn., plans memorial in park. $25,000. J. Gregory, c/o Central Bank, chn.

Athletic Field — Bethlehem, Pa. — Bd. Educ. plans athletic field to include baseball diamond, football field, tennis court, volley ball court, field track, etc., on Liberty High School grounds. $75,000.

Swimming Pool—Taylor, Pa.—See "Streets & Roads."

Generating Units — York, Pa. — York Haven Water & Power Co., plans 20 or more generating units during 5 years. First unit to be installed will cost $60,000, total estimated cost $1,500,000.

Ornamental Lighting System—Muskegon Heights (Muskegon P. O.), Mich.—Plans 2 mi. ornamental lighting system, incl. 190 posts. $35,000. C. S. Gamble, city engr.

Air Compressor, etc.—Ft. Atkinson, Wis. —City plans to purchase air compressor, air lift pump and auto truck pumper, etc. $38,000. W. G. Kirchoffer, Vroman Blk., Madison, engr.

Transmission Line, etc.—Glidden, Wis.—Glidden Telephone Co., plans transmission line and other improvements. Cost not to exceed $36,000. Engineer not selected.

Electric Lights—Clifton, Tex.—Attorney Generals Dept., Austin, approved $35,000 bond issue for electric light improvements, here.

Rockfill or Bulkhead—San Francisco, Calif.—City and San Francisco Co. having plans prepared constructing rockfill or bulkhead along Marina Blvd. from Steiner St. to Presidio. $45,000. M. M. O'Shaughnessy, city engr.

Asphalt Paving Plant—Santa Rosa, Calif. —Plans to vote on $50,000 bonds for asphalt plant. L. L. Mills, city engr.

Harbor Improvements—Collingwood, Ont. —Dept. Pub. Wks., Ottawa, plans harbor improvements and channel. $50,000. A. Craig, Royal Bank Bldg., London, engr.

Electric Light and Power System—St. Thomas, Ont.—Tarmouth Twp. plans electric lighting and power distribution system and substation. $28,000. W. C. Caughell, 386 Talbot St., twp. clk.

River Protection—Chilliwack, B. C.—Provincial Government, Parliament Bldgs., Victoria, had plans prepared river protection and improvements in channel of Vedder River. $75,000. P. Philip, Dept. Pub. Wks., Victoria, engr.

BIDS DESIRED

Sub-structure and Foundations—Everett, Mass.—Sept. 2, by Boston Elevated Ry., 108 Massachusetts Ave., Boston, sub-structure and foundations for two 160 x 300 ft. and two 53 x 56 ft. car repair shops, and 80 x 731 ft. transfer yard, etc., all rein.-con. $3,000,000. D. P. Robinson & Co., 61 Bway., New York, engrs.

Dumping Platforms—New York, N. Y.—Sept. 8, by J. H. Delaney, comr. Docks, Piers "A" foot of Battery Pl., improving Brooklyn Bridge, Manhattan Boro, incl. rein.-con. dumping platform and water supply, Contr. 1742.

Crane—Coraopolis, Pa.—Standard Steel Spring Co. taking bids special crane equipped with long hoisting drums and 2 hooks on 12 ft. centers.

Dump Truck—Fassett, Pa.—H. W. Horst, Fassett, taking bids 3 to 5½ ton hydraulic dump truck. $1,000.

Railer and Crane—Cleveland, O.—Taking bids one 10 ton drop frame railer, to carry road roller, and one 10 ton gasoline driven locomotive crane.

Flusher, etc.—La Crosse, Wis.—City receiving bids for combined power flusher and sweeper, for streets. W. J. Fyfes, clk.

Foundation—Des Moines, Ia.—Sept. 12, by Equitable Insurance Co. of Iowa, Bankers Trust Bldg., foundation for 18 story, 132 x 133 ft., rein.-con., brick, steel, tile and stone office building, 6th and Locust Sts. Proudfoot, Bird & Rawson, 810 Hubbell Bldg., archts.

Portland Cement, etc.—St. Paul, Minn.—Sept. 5, by H. W. Austin, city purch. agt., 3,000 bbl. Amer. Portland cement, 250 bbl. Atlas white non-staining Portland cement, 1,400 cu.yd. 2 in. ring gravel and 700 cu.yd. washed sand. O. Claussen, city engr.

Railroad Ties—Toronto, Ont.—Sept. 16, by W. H. Grant, genl. tie agt., Room 231 New Union Sta., 350,000 ties delivered on Canadian Natl. lines between Armstrong and Hervey Junction, 200,000 ties delivered on Canadian Natl. lines between Hawkesbury, Quebec City and St. Felicien, 100,000 ties delivered on Old Central Ontario lines 850,000 ties delivered on Canadian Natl. lines between Ruel and Port Arthur, $1,250,000, also 250,000 ties delivered on lines in Nova Scotia, 800,000 ties delivered on lines in New Brunswick, and 450,000 ties delivered on lines in Quebec on south shore of St. Lawrence, for Canadian Natl. Ry., Wellington St.

BIDS RECEIVED

Fine Gravel—New York, N. Y.—Bd. Purch., Municipal Bldg., opened bids Aug. 23, furnishing and delivering fine gravel to Dept. Parks, Manhattan Boro, from Rosoff Sand & Gravel Co., $2.65 per cu.yd. G. J. Wolfe, 17 Battery Pl., $2.95. Noted Aug. 17.

Paving Sand—New York, N. Y.—J. Miller, pres. Manhattan Boro, Municipal Bldg., opened bids Aug. 21, furnishing and delivering 3,000 cu.yd. paving sand, from G. A. Colgan, Jr., 90 William St., $1.50 per cu. yr.; Gallagher-Shand, Inc., 420 East 165th St., $1.60. Noted Aug. 17.

CONTRACTS AWARDED

Power Plant and Canal — Robertsville (Colebrook P. O.) Conn.—Winsted Gas Co., Winsted, stone and rein.-con. power plant, at Robertsville Falls, also concrete canal, 300 ft. long, 15 ft. deep, etc., to J. M. Swan & Son, Inc., St. Johnsbury, Vt., two 300 hp. water wheels complete, to L. B. Dow & Son, Ayer, Mass. Engrs. est. $30,000.

Paving Blocks—Farrell Pa. — J. W. Kozar, boro. secy., 125,000 vitr. brick blocks to Metropolitan Brick Co., Bessemer, $31.25 per M. Noted July 20.

Paving Brick—Youngstown, O.—Bd. Control furnishing 250,000 paving brick, to Metropolitan Brick Co., Youngstown (street address not available), $7,688.

Car Barn—Oshkosh, Wis.—Eastern Wisconsin Electric Co., 58 Main St., 1 story, 60 x 100 ft., brick and wood, plain foundation to Fluor Bros. Constr. Co., 52 State St. Archts. est. $55,000.

Reinforcing Rods—St. Paul, Minn.—Deformed medium steel reinforcing rods, for Water Dept., to C. A. P. Turner, 627 1st Ave. N., Minneapolis, $3,400. Noted Aug. 10.

Oil Reservoirs—Martinez, Calif.—Shell Co. of California, 343 Sansome St., San Francisco, two 500,000 bbl. rein.-con. oil reservoir, here, to Bent Bros., 1714 Eagle Ave., Los Angeles, $350,000.

Transformers, Etc.—San Francisco, Calif. —City and San Francisco Co., transformers, switchboards and accessory equipment, for Moccasin Creek Power Plant under Contr. 81, Hetch Hetchy Project (Propositions A1 and D1 accepted), to Westinghouse Electric & Mfg. Co., 1st Natl. Bank Bldg., $379,585. Noted Aug. 17.

Conduits — Montreal, Que. — Electrical Comn., laying 2½ in. steel conduits in Dist. 9, bounded by Craig, Bleury and St. Catherine Sts., also in Dist. 5, bounded by Craig, Berri, Commission and St. Lawrence Sts., to G. M. Gest, Ltd., Power Bldg., $99,296 and $175,980 respectively. Noted June 29.

Breakwater—Port Burwell, Ont.—R. C. Desrochers, secy. Dept. Pub. Wks., Ottawa, repairing breakwater and dredging harbor, to W. Birmingham, Center St., Kingston, $38,500. Noted June 15.

Breakwater—Port Colborne, Ont.—R. C. Desrochers, secy. Dept. Pub. Wks., Ottawa, rebuilding breakwater, to M. J. Hogan, Port Colborne, $54,480.

Oil Heating System—Toronto, Ont.—Oil heating system for new civic arena at Exhibition Park, to Purdy-Mansell, Ltd., 63 Albert St. Engrs. est. $130,000.

SEARCHLIGHT SECTION

OFFICIAL PROPOSALS

Copy: Official Proposals reaching our New York Office by 10 A. M., Tuesday can usually be printed in the issue out Thursday.

Rate:
40 Cents a Line an Insertion

Plans and Specifications for inspection by distant bidders may be filed at any of the Engineering News-Record offices without charge.

THESE ADVERTISEMENTS ARE OFFICIAL NOTICES THAT BIDS ARE WANTED FROM BIDDERS EVERYWHERE.

OFFICIAL PROPOSALS

Bids: Sept. 23.

Sewers

Bloomington, Ill.

Sealed bids will be received by the Trustees of the Bloomington and Normal Sanitary District, at 404 Unity Building, Bloomington, Illinois, up to 10 o'clock a.m., September 23, 1922, for the construction of the following work of the District.

Division Street Sewer Extension, consisting of:

820 feet of 18 inch Vitrified Pipe Sewer.
12 feet of 18 inch Cast Iron Pipe Sewer.
2 Manholes.
1 Overflow Chamber.
1 Headwall.

And the Valley Sewer Overflow Chamber, requiring 37 cubic yards of reinforced concrete.

All bids must be on forms prescribed by the Trustees, and bidding blanks may be obtained from Taylor & Woltmann, 428 Unity Building, Bloomington, Illinois, engineers for the District.

Plans, profiles and specifications for the work may be obtained from the engineers.

All bids must be accompanied by a check for 10 per cent of the amount of the bid certified by a responsible bank, payable to John W. Harber, president of the Board of Trustees.

The Trustees reserve the right to reject any and all bids.

Dated Bloomington, Illinois, August 22, 1922.

JOHN W. HARBER,
FRED D. BARBER,
JOHN J. CONDON,
Trustees, Bloomington and Normal Sanitary District.

Bids: Sept. 14.

Water Main Extensions

Mineola, N. Y.

Sealed proposals will be received by the Board of Trustees of the Village of Mineola of the Town of North Hempstead, Nassau County, New York, at the Village Hall, Main St., Mineola, N. Y., until 8 o'clock p.m. (daylight saving time), September 14, 1922, and then publicly opened and read for furnishing and installing water mains in accordance with plans and specifications prepared by S. B. Bowne, Village Engineer.

Plans and specifications are on file at the office of the Engineer, Post Office Building, Mineola, N. Y.

All inquiries must be addressed to the Engineer.

Each bidder must accompany his proposal with a certified check or its equivalent in the amount of Three Thousand Dollars, which deposit to be forfeited to the Village of Mineola in case such bidder shall refuse to enter into a contract in accordance with his proposal, which deposit will be returned to the unsuccessful bidder immediately following the award of the Contract.

The successful bidder will be required to enter a contract for the performance of the work as may be awarded to him or them accompanied by a bond of an approved Surety Company for not less than one half (½) the total amount of the Contract Price.

The right is reserved to reject any or all bids, or accept any bid, or bids, or any portion of any bid.

BOARD OF TRUSTEES,
Village of Mineola.
CHARLES F. QUINN,
Clerk.

OFFICIAL PROPOSALS

Bids: Sept. 11.

Sanitary Sewers

Madisonville, Ky.

Sealed proposals will be received by the Board of Public Works of the City of Madisonville, at the office of the City Clerk for constructing a system of Sanitary Sewers in and for the City of Madisonville, Ky., until one o'clock P.M., September 11, 1922, at which time they will be opened and publicly read.

The work consists of furnishing all labor, material and equipment of all kinds necessary for the construction of approximately 9.2 miles of sanitary sewers, in sizes from 8 in. to 12 in. with all necessary appurtenances complete in accordance with the plans and specifications on file, at the office of the Engineers and the City Clerk.

Each bill must be accompanied by a certified check in the amount of $3,000.00 or an acceptable bidder's bond and drawn in favor of the City Treasurer of Madisonville, Ky.

A bond in the amount of fifty (50) per cent of the contract price will be required for the faithful performance of the work.

Copies of plans and specifications may be seen at the office of the City Clerk of Madisonville, or may be obtained from the Engineers on deposit of ten ($10.00) dollars which will be returned if a bona fide bid is made.

The City reserves the right to reject and and all bids.

F. P. STUM,
Chairman Board of Public Works.
W. J. DUHN,
Secretary Board of Public Works.
HOWERTON-TIRSWAY CO.,
Engineers,
Asheville, N. C.

Bids: Sept. 9.

Concrete Reservoir and Laying of Pipe

Voorheesville, N. Y.

Notice is hereby given that sealed proposals will be received by the Board of Trustees of the Village of Voorheesville, N. Y., at their office in the "Hose House," in the village of Voorheesville, N. Y., until three (3:00) o'clock P.M. (daylight saving time), on the ninth (9th) day of September, 1922, for the construction of a concrete reservoir and hauling and laying of about three and one-half (3½) miles of eight (8 in.) inch Class "B" cast iron water pipe and appurtenances.

All proposals must be made upon printed forms, to be obtained from the engineer; and the unit prices written in words and figures, and accompanied by cash or a certified check, made payable to the Village of Voorheesville, N. Y., for one thousand ($1,000.00), Dollars.

All proposals must be enclosed in a sealed envelope, directed to the Board of Trustees, Village of Voorheesville, N. Y., and endorsed upon the outside of the envelope "Proposal for Water System."

The Board of Trustees reserves the right to reject any or all proposals.

By order of the Board of Trustees of the Village of Voorheesville, New York.

GILBERT H. DARING,
Village Clerk,
Voorheesville, N. Y.
W. W. CHADSEY,
Civil and Sanitary Engineer,
434 State Street,
Schenectady, N. Y.

OFFICIAL PROPOSALS

Bids: Sept. 12.

Storm Water Sewer

Wichita, Kan.

Notice is hereby given that bids will be received at the office of the City Clerk up to 4:00 p.m. Tuesday, September 12, 1922, for the construction of Storm Water Sewer No. 15.

7,070 ft. 72″ sewer.
800 ft. 66″ sewer.
980 ft. 60″ sewer.
700 ft. 57″ sewer.
1,700 ft. 54″ sewer.
1,670 ft. 48″ sewer.
1,350 ft. 45″ sewer.
1,165 ft. 42″ sewer.
650 ft. 39″ sewer.
660 ft. 36″ sewer.
360 ft. 33″ sewer.
675 ft. 27″ sewer.
440 ft. 24″ sewer.
375 ft. 21″ sewer.
165 ft. 18″ sewer.
1,190 ft. 15″ sewer.
1,325 ft. 12″ sewer.
1,350 ft. 10″ sewer.
500 ft. 8″ sewer.
44 manholes.
153 sewer inlets.
1,100 sq.yds. pavement.
3 outlet protections.
2 special X-ings.
1 junction manhole.
right of way.

All work to be done under the direction and supervision of the City Manager and according to plans and specifications on file in the office of the City Engineer.

Bidders will be required to enclose certified check in the amount of $5,000.00 with each bid as a guarantee of good faith.

Plans and specifications may be procured from P. L. Brockway, City Engineer, upon a deposit of $10.00 being made.

Commissioners reserve the right to reject any and all bids.

E. S. WORRELL,
City Clerk.

Bids: Sept. 11.

Submerged Intake Crib

Monroe, Mich.

Sealed proposals will be received by the City Clerk of Monroe, Mich., up to 7:30 o'clock p.m., eastern standard time, of the 11th day of September, 1922, for the construction and placing of a new submerged water intake crib to be located in Lake Erie near the existing waterworks intake crib.

The crib will be approximately 28 feet square, constructed of timber, floated to the site, sunk into position, and anchored by concrete deposited under water.

The plans and specifications under which the work is to be done may be examined at the office of the City Clerk, Monroe, Michigan, or at the office of Hoad, Decker, Shoecraft and Drury, Consulting Engineers, Ann Arbor, Michigan. Copies of the plans and specifications may be obtained by making a deposit of five dollars which will be refunded upon their return in good condition or their use in a submitted proposal.

A certified check for a sum not less than five per cent of the amount of the proposal will be required with each proposal.

The right to accept any proposal, to reject any or all proposals, and to waive defects in proposals is reserved by the City.

J. H. GILMORE, Mayor.
F. M. KRESSBACH, City Clerk.
HOAD, DECKER, SHOECRAFT & DRURY,
Consulting Engineers, Ann Arbor, Mich.

OFFICIAL PROPOSALS

Bids: Sept. 5.

Repairs to Dam No. 537

Beacon, N. Y.

Sealed proposals will be received by the City Council at its office No. 525 Main Street, Beacon, N. Y., on or before eight (8) o'clock P. M., Daylight Saving Time, Tuesday, September Fifth (5th), 1922, for repairs to Dam No. 537, South Mountain, Mt. Beacon Reservoir, Beacon, N. Y., which proposals will be opened by the Mayor or presiding officer on that day and time or on such subsequent day as the council may adjourn for that purpose.

No proposal shall be considered unless accompanied by the written consent of two sureties, conditioned that if the proposal be accepted, they will execute and deliver a bond with the bidder in a penalty to be fixed by the council conditioned for the construction of the work at the price and upon the terms proposed, according to the plans and specifications therefor, within such reasonable time as the council may limit, and subject to the supervision and approval of the commissioner of public works as the specifications shall provide.

Prospective bidders are requested to visit the site of the proposed work in order to satisfy themselves as to the scope and hazards of the work.

Plans and specifications, form of proposal, bond and contract may be obtained at the office of the city, No. 525 Main Street, Beacon, New York, or at the office of George W. Krieger, Jr., Consulting Engineer, Poughkeepsie, N. Y. upon the deposit of $15.00, which amount will be refunded upon the return of the plans and specifications in good condition.

Quantities of work to be done are approximately as follows:

PROPOSAL TO THE
CITY COUNCIL OF THE CITY OF BEACON, DUTCHESS COUNTY, N. Y.

Quantity	Unit of Measure	Item
900	Cubic Yds.	Concrete 1:2:4
3,400	Pounds	Reinforcing bars 1¼ in.
3,700	Pounds	Reinforcing bars 1 in.
5,200	Pounds	Reinforcing bars ⅝ in.
1,100	Lin. Ft.	Drains, Wrought Iron Pipe, 4 in. or smaller
250	Lin. Ft.	2 in. holes drilled in rock
80	Lin. Ft.	1¼ in. holes drilled in rock
1,000	Lin. Ft.	1¼ in. holes in old masonry
350	Cubic Yds.	Rock Excavation

SEPARATE BID FOR UPSTREAM WORK
(This work may or may not be required)

6,000		Gunite
3,900		Triangular wire mesh 0.65 lb. sq.ft.

The proposal shall be accompanied by a certified check drawn upon an incorporated State or National Bank or Trust Company in good credit, within this State, payable to the order of the City of Beacon for five per cent of the amount of the bid. The successful bidder will be required to give a satisfactory bond for the faithful performance of the agreement in amount equal to fifty per cent of the value of the contract.

The City Council of the City of Beacon reserves the right to reject any or all bids.

By order of the City Council of the City of Beacon.

MARCUS G. MAC LAUGHLIN,
Commissioner of Public Works.

Bids: Sept. 7.

Sewerage Pumping Station

Philadelphia, Pa.

Sealed proposals will be received at Room 216, City Hall, until 12 o'clock noon on Thursday, September 7, 1922 and opened at that time in Room 216, City Hall, for Southwest Sewage Pumping Station—40th Ward Lowland Drainage:

Contract No. 1—Sub-Structure and Superstructure.
Contract No. 2—Mechanical Equipment.
Contract No. 3—Electrical Equipment.
Contract No. 4—Plumbing System.
Contract No. 5—Heating and Ventilating Systems.

Inquire at Room 416, City Hall.

FRANK H. CAVEN,
Director.

Bids: Sept. 28.

Sewage Treatment Plants and Appurtenances

Lake Forest, Ill.

Sealed proposals endorsed "Proposal for Sewage Treatment Plants and Appurtenances" will be received by the Board of Trustees of the North Shore Sanitary District of Lake County, Ill., at its office at Room 295, Anderson Building, Lake Forest, Illinois, until 10 o'clock a.m. (daylight time) on the 28th day of September, 1922, and will then be publicly opened and read.

The work for which proposals are invited includes the construction of two sewage treatment plants comprising pumping stations, settling tanks, sludge beds, sprinkling filters, earth-work and all appurtenances in accordance with plans and specifications on file in the offices of the Board of Trustees in Lake Forest, Ill., and of the Consulting Engineers, Pearse, Greeley & Hansen, 39 W. Adams Street, Chicago, Illinois.

The plants to be built are located at the Lake in Highland Park in Deerfield Township at the foot of Park Avenue and in Lake Bluff in Shields Township at the foot of Prospect Avenue, Lake County, Illinois. Each proposal must contain the full name of every person or company interested in the same, and must be accompanied by cash or a certified check on a State or National Bank in good standing, made payable to the order of the President of the Board of Trustees of the North Shore Sanitary District of Lake County, Illinois, in amount as follows:

Division A	$2,500
Division B	2,000
Both divisions	4,000

The amove sums shall be a guarantee that if a proposal is accepted a contract will be entered into and its performance secured.

All proposals must be made upon blank forms furnished by the Sanitary District and in accordance with the "Requirements for Bidding and Instructions to Bidders" attached thereto.

The Board of Trustees of the Sanitary District reserves the right to reject any or all bids waive or not waive any informality in the bids received and to accept or reject such items and divisions of the work as it deems most favorable to the Sanitary District.

Requirements for bidding, instructions to bidders, form of proposal, contract, specifications, form of bond and plans may be obtained from the Clerk of the Sanitary District at Lake Forest or at the offices of the Consulting Engineers in Chicago upon deposit of fifteen dollars ($15), which sum so deposited will be refunded if said plans, specifications, etc., are returned in good condition within thirty (30) days after the opening of bids.

Dated this 15th day of August, A. D. 1922.

NORTH SHORE SANITARY DISTRICT,
LAKE COUNTY,
By JOHN OLIVER, President
Its Board of Trustees.

ATTEST: A. F. BEAUBIEN, Clerk.

Bids: Sept. 25.

Sewage Pumping Equipment

Hackensack, N. J.

The Hackensack Improvement Commission, the governing body of the City of Hackensack, Bergen County, New Jersey, requests proposals for the following, to wit:

Contract No. 3—For furnishing pumping equipment, consisting of A. B. Wood patent trash pumps; motors and switchboards to be installed in the structures to be built for the Oity of Hackensack under another contract, which contract is known as Contract No. 1.

The foregoing equipment is more completely described and set forth in the plans and specifications on file with Lemuel Lozier, Engineer of the Commission, and with the clerk of the Commission.

The plans and specifications, information for bidders, forms of proposals and contracts, forms of bonds required and other information can be seen at the office of Lemuel Lozier, Engineer of the Commission, Room 3, Bank Building, Main and Mercer Streets, Hackensack, New Jersey; copies of such plans and specifications may be obtained by bidders on making a deposit of $100.00, which deposit will be refunded upon the return of the plans and specifications in good condition.

The contract will be let to the lowest responsible bidder, subject to the right of the Commission to reject any and all bids.

All bids must be made on the form of proposal to be obtained from the Engineer of the Commission, and must give the prices both in writing and in figures and must give such other information and be signed in the manner indicated on the form of proposal. Each bid submitted for Contract No. 3 must be accompanied by a certified check for $1,000, payable to the "Hackensack Improvement Commission."

Checks of the unsuccessful bidders will be returned immediately upon the award of the contract. The check of the successful bidder will be returned to the bidder upon the execution of the contract and the furnishing of the bonds required, within ten days after the date of the award thereof, or within such extended time as may be determined by the Commission. In case of failure to execute the required contract, and furnish the required bonds within such time, such check shall be forfeited to the Hackensack Improvement Commission as liquidated damages.

The proposals herein required for Contract 3 shall be presented to the Hackensack Improvement Commission, at the Municipal Building, 346 State Street, Hackensack, Bergen County, New Jersey, on Monday, the twenty-fifth (25) day of September, 1922, at 8 P.M. daylight saving time, 7 P.M. standard time.

No bids will be received prior to said hour and none thereafter. The proposals shall be submitted in sealed envelopes or packages.

The proposals shall be endorsed as follows:

"Proposals for pumping equipment Contract No. 3."

THE HACKENSACK IMPROVEMENT COMMISSION,
By SPENCER D. BALDWIN, Mayor.
WILLIAM SCHAFF, Clerk.

Bids: Sept. 6.

Concrete Spillway and Flume

Waterville, N. Y.

Sealed proposals will be received by the Board of Water Commissioners, Waterville, N. Y., until 8 p.m., Wednesday, Sept. 6, 1922, Eastern Standard Time, for the construction of a concrete spillway and reinforced concrete flume. Plans may be seen at the office of the Clerk of the Board, Waterville, N. Y., or at the office of the Engineer, James P. Lawyer, 712 Washington St., Utica, N. Y., or will be mailed upon deposit of $5, which will be refunded on return of the plans. Proposals must be made upon blanks furnished by the Board. A certified check of 5 per cent of the bid must accompany each bid as a guarantee of good faith. The work must be completed on or before the first day of November, 1922. The Board reserves the right to reject any or all bids. Proposals must be sealed and addressed to Earl J. Conger, Clerk, Board of Water Commissioners, Waterville, N. Y., and marked on the outside of envelope enclosing them "Proposal for Concrete Spillway and Flume."

EARL J. CONGER, Clerk
P. NEWELL LEWIS,
M. L. CONDON,
PATRICK WELCH,
Board of Water Commissioners.

Bids: Sept. 14.

Paving, Curbing, Storm Sewers, etc.

Mobile, Ala.

Sealed bids will be received until noon Thursday, Sept. 14, 1922, by the City Commission of the City of Mobile, Alabama, for the following:

One course Concrete Paving six inches in thickness—29,756 square yards. Concrete Curbing eighteen inches deep by five inches wide—14,512 lin.ft. Double strength storm sewers 12 inch—1,334 ft. 15 inch—1,160 ft. 18 inch—2,405 ft. 21 inch—522 ft.

Standard Storm sewers, 6 inch—3,036 ft. 10 inch—1,872 ft. 12 inch—1,340 ft. 15 inch—315 ft. 24 Standard Manholes—83 Standard Inlets and 19 Standard Special Basins. A deposit of one thousand dollars will be required to accompany each bid. 1—For Paving and Curbing. 2—For Storm Sewers. Plans and specifications are on file in the City Engineer's office and can be seen on application. The right is reserved to reject any or all bids.

R. V. TAYLOR,
Commissioner of Streets.
WRIGHT SMITH,
City Engineer.

OFFICIAL PROPOSALS

Bids: Nov. 4.

Tenders for Plant

Melbourne, Australia.

Tenders are hereby invited for the supply, delivery, etc., of the following for the Morwell Power Scheme.

Copies of Tender Form and Specification will be available upon application to: Office of the Bureau of Foreign & Domestic Commerce,
United States Department of Commerce,
First National Bank Building,
CHICAGO.

and
Office of the Bureau of Foreign & Domestic Commerce,
United States Department of Commerce,
734 Customs House,
NEW YORK CITY.

SPECIFICATION NO. 293. TRANSFORMERS, INDUCTION REGULATORS AND SWITCH-GEAR.

CHARGE:—£2: 2: 0 for the first 3 copies of Tender Form, Conditions of Contract, and specification complete. These charges will be returned on receipt of a bona-fide tender. A fourth copy and any further copies will be supplied for the sum of 10/6 each.

PRELIMINARY DEPOSIT: A Preliminary Deposit of £100: 0: 0 is to be lodged with Tender.

The Specification may be inspected at the above mentioned offices, and also at the office of:
The Commissioner for Australia in U. S. A.,
Room 3012,
61 Broadway,
NEW YORK.

The Commission does not bind itself to accept the lowest or any tender.

Tenders on prescribed form, properly endorsed and addressed, must be delivered to the undersigned in Melbourne not later than NOON, 4th November, 1922.

R. LIDDELOW,
Secretary,
STATE ELECTRICITY COMMISSION OF VICTORIA,
22-32 William Street,
MELBOURNE.
VICTORIA,
AUSTRALIA.

Bids: Sept. 13.

Highway Work

Baltimore, Md.

Sealed proposals for building four sections of State Highway, as follows:

HOWARD COUNTY, Contract No. HO-23—One section of state highway from end of Folly Quarter Road to Triadelphia Pike, a distance of 1.5 miles (concrete).

HARFORD COUNTY, Contract No. H-29—One section of state highway from Whiteford toward Dublin, for a distance of 1.0 mile (concrete).

PRINCE GEORGE COUNTY, Contract No. P-37—One section of state highway from Forestville toward Ritchie, for a distance of 2.0 miles (gravel).

CALVERT COUNTY, Contract No. C-14—One section of state highway from Prince Frederick toward Hollowing Point, for a distance of 4.0 miles (gravel).

will be received by the State Roads Commission, at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M., Standard Time, on the 13th day of September, 1922, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form which, with specifications and plans will be furnished by the Commission upon application and cash payment of $1, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of five hundred ($500) dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond, and comply with the Acts of the General Assembly of Maryland, respecting contracts.

The Commission reserves the right to reject any and all bids.

By order of the State Roads Commission this 25th day of August, 1922.

JOHN N. MACKALL, Chairman.
L. H. STEUART, Secretary

Bids: Sept. 6.

State Highway Work

Freehold, N. J.

Notice is hereby given that sealed bids will be received by the County of Monmouth for the following:

Construction of State Highway Route No. 4, Section No. 5A, Maple Avenue, Red Bank, estimated amount of sheet asphalt surface on a portland cement concrete foundation is 27,307 square yards.

Work is to be performed under County Reimbursement Act, Chapter 183, laws of 1918, and amended by Chapter 317, laws of 1920.

Bids will be received at the Court House at Freehold, N. J., on Wednesday, September 6th, 1922, at 11:00 M. Daylight Saving Time.

Drawings, specifications and form of contract and bond for the proposed work are on file in the office of George K. Allen, Jr., County Engineer, at Red Bank, N. J., and in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on deposit of ten dollars ($10.00) upon application to George K. Allen, Jr., County Engineer. Bids must be made on the standard proposal forms in the manner designated therein and as required by the specifications, enclosed in sealed envelopes, addressed to the Board Chosen Freeholders of the County of Monmouth and bearing the name and address of the bidder and the name and section of the route on the outside. Bid must be accompanied by a certified check drawn to the order of C. Asa Francis, County Treasurer, for not less than ten per cent (10 per cent) of amount of the bid, provided that said certified check shall not be less than $500.00 nor more than $20,000.00, and be delivered at the above place on or before the hour named. Copies of the standard proposal form will be furnished on application to George K. Allen, County Engineer.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Each bidder must also accompany his bid with a statement of equipment properly filled out.

By order of a resolution of the Board of Chosen Freeholders of the County of Monmouth passed at a meeting held on Wednesday, May 24th, 1922.

WILLIAM A. STEVENS.
Clerk.

Bids: Sept. 18.

Road Work

Charleston, Miss.

Bids will be opened at one o'clock P.M. September 18, 1922, at the Court House, Charleston, Miss., for grading and graveling about 18½ miles of road between Philipp and Cowart, Road Districts, Nos. 4 and 5, Tallahatchie County, Miss. Bids must be accompanied by check or Bidder's Bond for $10,000.00.

Approximating Quantities—
Grading 115,000 Cu.Yds.
Gravel Surfacing 33,000 Cu.Yds.
Bituminous Material 130,000 Sq.Yds.

Information, Plans and Specifications may be secured from
ELLIOTT & HARMAN ENGINEERING CO., Bank of Commerce and Trust Co. Bldg., Memphis, Tenn.

Bids: October.

Sewer Tunnel

Tulsa, Okla.

The Board of Commissioners of the City of Tulsa, Oklahoma, contemplates receiving proposals about the middle of October for the construction of the Eleventh Street Relief Sewer, in tunnel cut.

This sewer to be 5,100 ft. long and 15½ ft. x 14 ft. in size, Bond Issue $900,000.00.

Formal notice to contractors to appear later.

CHARLES SCHULTZ,
City Engineer.

W. W. HORNER,
Consulting Engineer,
St. Louis, Mo.

Bids: Sept. 8.

Highway Route No. 16 Section No. 4

Somerville, N. J.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the County of Somerset for the following: The construction of State Highway Route No. 16, Section No. 4, from Pluckamin to Somerville, consisting of 67,749 Square Yards "Surface Type C," one course Reinforced Cement Concrete Pavement, with Drains and Appurtenances.

Work is to be performed under County Reimbursement Act, Chapter 183, laws of 1918, and amended by Chapter 317, laws of 1920.

Bids will be received at the Court House at Somerville, on
FRIDAY, SEPTEMBER 8th, 1922,
at 11:00 a.m., Daylight Saving Time (10 A.M. Eastern Standard Time).

Drawings, specifications and form of contract and bond for the proposed work are on file in the office of H. C. Van Emburgh, County Engineer, at the Court House, Somerville, and in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on deposit of ten dollars ($10.00) upon application to H. C. Van Emburgh, County Engineer. Bids must be made on the standard proposal forms in the manner designated therein and as required by the specifications, enclosed in sealed envelopes, addressed to the Board of Chosen Freeholders of the County of Somerset, and bearing the name and address of the bidder and the name and section of the route on the outside. Bids must be accompanied by a certified check drawn to the order of Edwin Garretson, County Treasurer, for not less than ten per cent (10 per cent) of amount of the bid, provided that said certified check shall not be less than $500.00 nor more than $20,000.00 and be delivered at the above place on or before the hour named. Copies of the standard proposal form will be furnished on application to H. C. Van Emburgh, County Engineer.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Each bidder must also accompany his bid with a statement of equipment properly filled out.

By order of a resolution of the Board of Chosen Freeholders of the County of Somerset, passed at a meeting held on Friday, August 4, 1922.

WM. S. WOODRUFF,
Clerk.

Bids: Sept. 8.

Highway Work

Stratford, Conn.

Notice is hereby given that sealed bids will be received by the Town of Stratford up to September 8, 1922, at 3 p.m., for the construction of a Telford road on West Broad Street between Barnum Avenue and Linden Avenue, as more particularly shown on plans on file in the office of the Director of Public Works at Stratford, Connecticut.

Plans and specifications will be furnished upon deposit of $5. Bids are to be for the job complete and are to be in sealed envelopes addressed to the Town Manager, Town Hall, Stratford, Connecticut. The bidders name must appear on the outside of the envelope, and the bid must be accompanied by a certified check of 10 per cent of the amount of the bid, drawn to the order of Mr. J. C. Wilcoxson, Director of Finance, Town of Stratford.

Each bidder must accompany his bid with a certificate from a surety company, duly authorized to do business in this State, stating that such surety company will provide said bidder with a bond in such sum as is required in accordance with provisions of specifications.

The Town reserves the right to reject any or all bids or to accept one not the lowest if it is deemed for the best interests of the Town to do so.

R. H. HUNTER,
Town Manager.

OFFICIAL PROPOSALS

Bids:: Sept. 25.

Spavinaw Water Supply Project

Tulsa, Okla.

Sealed proposals for the construction of the major portion of the Spavinaw Water Supply Project for the City of Tulsa, Oklahoma, will be received by the Water Commission of the City of Tulsa, and may be filed at the office of the City Auditor, City Hall, Tulsa, Oklahoma, until 3:00 p.m. Monday, September 25th, 1922, and will be opened and publicly read immediately thereafter at a regular meeting of the Water Commission of the City of Tulsa at 3:00 p.m., Monday, September 25, 1922. Proposals will be received on the following contracts:

Contract No. 1 Telephone Line.
Contract No. 2 Clearing Site of Spavinaw Lake.
Contract N. 3 Spavinaw Dam.
Contract No. 4 60 in. Reinforced Concrete Pipe.
Contract No. 5 Tunnel and Approaches.
Contract No. 6 54 in. Reinforced Concrete Pipe.
Contract No. 7 Mohawk Reservoir.
Contract No. 8 Furnishing Cast Iron or Steel Pipe and Specials.
Contract No. 9 Furnishing Gate Valves.
Contract No. 10 Laying Cast Iron or Steel Pipe.
Contract No. 11 High Pressure Reservoir.

After the reading of the bids on these contracts they will be immediately considered, but in no event will any contract or contracts be awarded earlier than forty-eight (48) hours thereafter.

The principal quantities are approximately as follows:

DAM: Concrete, 79,000 cubic yards. Earth embankment, 182,000 cubic yards.

PIPE: 28 miles of 60 in. and 25 miles of 54 in. pre-cast reinforced concrete pipe. Earth Excavation in trench, 310,000 cubic yards.

Rock Excavation in trench, 26,000 cubic yards.

TUNNEL: 7,000 ft. 84 in. Tunnel.

3,050 ft. 84 in. monolithic concrete conduit.

MOHAWK RESERVOIR: 300,000 cubic yards earth embankment.

REINFORCED CONCRETE HIGH PRESSURE RESERVOIR OR RESERVOIRS: 10,000,000 gal. aggregate capacity; 10,000 ft. 36 in. Cast Iron or Steel Pipe; 6,000 ft. 30 in. Cast Iron or Steel Pipe; 8,000 ft. 20 in. Cast Iron Pipe. Specials and Valves.

Each proposal must be accompanied by a certified check on any reputable bank or trust company, payable without reserve to the City of Tulsa, Oklahoma, for five per cent (5%) of the amount of the bid.

All proposals must be made on blank forms furnished by the City of Tulsa and in accordance with the "Requirements for Bidding and Instructions to Bidders."

Proposals may be tendered on one or more contracts or on all of the contracts, but any proposal must include all items under the contract or contracts for which bid is tendered.

Plans, Specifications and Requirements for Bidding and Instructions to Bidders are on file at the Office of the Water Commission at the City Hall and may be seen at the office of Trammell and Holway, Engineers on the Spavinaw Water Supply Project, 329 Kennedy Building, Tulsa, Oklahoma, or at the office of Dabney H. Maury, Consulting Engineer for the said Project, 1445 Monadnock Block, Chicago, Illinois. Complete plans and specifications will be furnished by the Engineers or by the Consulting Engineer, upon the deposit of $50.00 by check payable to Trammell and Holway. Upon return of the plans and specifications in good condition within a reasonable time after the awarding of the contracts, $30.00 will be refunded. Proportionate deposit and refund may be arranged for if bidder desires only parts of the plans.

The Water Commission reserves the right to reject any bid or bids, or all bids, and to waive any informalities.

WATER COMMISSION OF THE CITY OF TULSA.
A. J. RUDD, Chairman,
G. R. McCULLOUGH,
C. S. AVERY,
H. L. STANDEVEN,
A. L. FARMER,
ROY GARBETT,
City Auditor.

TRAMMELL and HOLWAY, Engineers,
329 Kennedy Building,
Tulsa, Oklahoma.

DABNEY H. MAURY,
Consulting Engineer,
Chicago, Ill.

OFFICIAL PROPOSALS

Bids: Sept. 5.

Street Paving and Storm Sewer

Highland Park, N. J.

Sealed proposals will be received by the Mayor and Borough Council of the Borough of Highland Park at the Borough Council Chambers, No. 10 North Second Avenue, Highland Park, New Jersey, on Tuesday, September 5, 1922, at 8 o'clock p.m., ordinance time (7 p.m. Eastern Standard Time) for the construction of pavements on the following streets, to wit: Montgomery Street, Johnson Street, Cedar Avenue, Adelaide Avenue, South Sixth Avenue. And for the construction of a storm sewer on Cedar Avenue.

The work will in general consist of about
5,890 Cu.Yds. of Excavation.
15,962 Sq.Yds. of One Course Reinforced Cement Concrete Pavement, 6" in depth at the sides, and 8" in depth at the center.
8,612 Lin.Ft. of Concrete Curbing, set integral with the pavement.
755 Lin.Ft. of 15" Vitrified Pipe Storm Sewer.

All of said work to be done in accordance with the plans, profiles and specifications prepared by Raymond P. Wilson, Civil Engr., 46 Paterson Street, New Brunswick, N. J., which said plans, profiles and specifications have been adopted by the Borough Council of the Borough of Highland Park and are now on file at the office of the Borough Clerk, 10 North Second Avenue, Highland Park, N. J., where they may be seen by bidders or a set of the said plans, profiles and specifications can be secured from Raymond P. Wilson, Civil Engr., by depositing Five dollars ($5.00) which will be refunded upon the return of the plans, profiles and specifications in good condition within seven (7) days after the award of the contract. All bids must be on the form of proposal to be obtained from the said Raymond P. Wilson.

Each bidder must accompany his bid with a certified check for Four thousand dollars ($4,000.00) payable unconditionally to the Collector of the Borough of Highland Park, which said check must be presented with the bid as a guarantee that the bidder will within ten (10) days after receiving the award enter into and execute a contract for the faithful performance of the work to be done under said contract, and said bid must be in a sealed envelope and marked "Proposal for Concrete Pavement."

The successful bidder will also be required to furnish a Surety Company bond to the Borough of Highland Park in the full amount of the contract price for the faithful performance of the work to be done under said contract, said bond to be approved as to sufficiency and form by the Borough Attorney.

In case of failure to execute the contract and furnish the required bond within ten (10) days after due notice that the contract has been awarded to him, the successful bidder shall forfeit his deposit to the Borough of Highland Park as liquidated damages.

The right to reject any or all bids is reserved by the Mayor and Borough Council.

All of said work must be completed within sixty (60) working days.

Bids: Sept. 14.

Steel Super-structure

Nashville, Tenn.

Sealed bids will be received by the Department of Highways State of Tennessee, at Nashville, Tennessee, until ten o'clock a.m., Thursday, September 14, 1922, and opened publicly at that place and hour for the construction of the steel super-structure of Federal Aid Project 16, being a bridge over Cumberland River near Clarkesville, having 3 steel spans aggregating approximately 640 feet of span.

Plans and specifications are on file in the office of the Chief Engineer, Department of Highways, Nashville, Tennessee, in the office of the Division Engineer, Department of Highways, Nashville, Tennessee, and in the office of the Resident Engineer, Department of Highways, Clarksville, Tennessee.

D. Q. McCOMB,
Chief Engineer.

OFFICIAL PROPOSALS

Bids: Sept. 5.

State Highway Work

Trenton, N. J.

NOTICE IS HEREBY GIVEN that sealed bids will be received by the State Highway Commission of New Jersey for the construction of the following:

Route No. 7, Section No. 1, Corlies Avenue, Neptune Township, Monmouth County, estimated amount of Warrenite Bitulithic surface on a Portland cement concrete foundation is 18,765 square yards.

Bids will be received at the office of the State Highway Commission at the Broad Street Bank Building, Trenton, New Jersey, on Tuesday, September 5th, 1922, at 11 A. M. STANDARD TIME, and opened and read immediately thereafter.

Drawings, specifications and form of bid, contract and bond for the proposed work are on file in the office of the State Highway Department, Trenton, New Jersey, and may be inspected by prospective bidders. Plans will be furnished on deposit of Ten Dollars ($10.00) upon application to the State Highway Department, 9th floor, Broad Street Bank Building, Trenton, New Jersey. Bids must be made on the standard proposal forms in the manner designated therein and as required by the 1922 specifications, same to be inclosed in sealed special addressed envelopes bearing the name and address of bidder and the name and section of the route on the outside, and must be accompanied by a certified check drawn to the order of the Treasurer of the State of New Jersey for not less than ten per cent (10%) of the amount of the bid, provided that said certified check shall not be less than $500.00 or more than $20,000.00, and be delivered at the above place on or before the hour named. Copies of the standard proposal form and special addressed envelope will be furnished on application. Bids not enclosed in special envelopes will be considered informal and will not be opened.

Each bidder must accompany his bid with a certificate from a surety company duly authorized to do business in this state, stating that such surety company will provide said bidder with a bond in such sum as is required in and in accordance with the provisions of said specifications, conditioned for the faithful performance of the provisions of the contract and specifications. Each bidder must also accompany his bid with a Statement of Equipment properly filled out.

By order of the State Highway Commission.

A. LEE GROVER,
Chief Clerk.

Bids: Sept. 20.

Outfall Sewer

Manchester, N. H.

Sealed proposals, on blank forms attached to the specifications and furnished by the Surveyor of the Department of Highways, Manchester, N. H., addressed to the Surveyor, Department of Highways, Manchester, N. H., will be received until 4 o'clock P.M. (Daylight Saving Time), September 20, 1922, for furnishing all material and labor for the construction of an Outfall Sewer, together with connections, dry weather outfall, head wall, etc., as shown upon the plans and specified in the specifications adopted by the City of Manchester, through the Surveyor.

The bids must be accompanied by a certified check to the amount of 5% of the total amount of the bid, made payable to the Treasurer of the City of Manchester and said check must be submitted and inclosed with the Sealed Proposal.

Contract, Drawings, Specifications and other data are on file for inspection at the Surveyor's Office, City Hall, Manchester, N. H., and specifications and plans can be had by making a payment of $10 to the Surveyor.

The right is reserved to reject any and all bids and to waive any informality in the bids.

E. R. CONANT, Surveyor.
Department of Highways,
Manchester, N. H.
Manchester, N. H., August 30, 1922.

OFFICIAL PROPOSALS

Bids: Sept. 6.

Cast Iron Main Sewer

Rye, N. Y.

Sealed proposals will be publicly opened by the Trustees of the Village of Rye, N. Y., at the Village Municipal Hall, at 8.15 p.m., September 6, 1922.

Said proposals to cover the construction (both materials and labor) of a cast-iron main sewer according to plans and specifications filed with the Village Clerk.

Copies of the plans and specifications may be obtained from him, or from the engineer, G. Everett Hill, 45 Seventh Avenue, New York City, upon payment of $15, of which amount $10 will be refunded upon return of all papers, in good condition, on or before September 10th, 1922.

Approximately the work consists of:

About 2,000 feet of 16-inch and about 1,540 feet of 18-inch cast-iron pipe (with manholes and fittings) laid partly on piles and partly on concrete piers.

Each bid must be accompanied by a certified check for $5,000, as a guarantee that the bidder, if his bid be accepted, will enter into contract and execute the required bond.

Each bid must be made on blank forms to be obtained from the Village Clerk or the Engineer.

The Village reserves the right to reject any or all bids.

The Board of Village Trustees,
WILLIAM H. SELZER,
Village Clerk.

G. EVERETT HILL, Engineer,
45 Seventh Ave., New York.

Bids: Sept. 9.

Storm Relief Trunk Sewers and Lateral Relief Sewers

Lima, Ohio.

Sealed proposals for the construction of Relief Trunk Sewers, Contracts No. 9 and 11, will be received at the office of the City Manager, Lima, Ohio, until 12 o'clock noon, Central Standard Time, Sept. 9th, 1922, and then will be publicly opened and read. The City reserves fifteen (15) days thereafter in which to act on the bids.

The work included under these contracts consists of construction, with all appurtenances, of Relief Trunk Sewers as mentioned above, a general summary of quantities follows:

Contract No. 9.

Total length of Sewer about 12,500 lineal feet, varying in size from 15 to 78 inches, all of Circular Section.

Contract No. 11.

Total length of Sewer about 27,000 lineal feet, varying in size from 12 to 78 inches, for Circular Sections, also two rectangular Sections 6 by 8 feet, and 8 by 9 feet, and a total length of 2,750 lineal feet, with all necessary appurtenances, special structures and manholes.

Copy of Plans, form of proposal, contract, bond and specifications, may be inspected at any of the following offices: Fuller & McClintock, 319 Summit Cherry Building, Toledo, Ohio, Fuller & McClintock, 170 Broadway, New York City; and B. F. Darling, Supervising Engineer, City Hall, Lima, Ohio.

Copies of plans and specifications with form of proposal, contract and bonds, may be obtained at the office of the Supervising Engineer, City Hall, Lima, Ohio. The following charge will be made for each set of plans and specifications:

Contract No. 9—Six Dollars ($6.00).
Contract No. 11—Seven Dollars ($7.00).

No charge will be made for proposal blanks, the above mentioned charge for Plans and Specifications, is a sale and not a deposit, no refund will be made, nor will plans and specifications be delivered unless the order is accompanied by a remittance.

The City Manager reserves the right to reject any or all bids, to waive any informalities in the bids and to accept any bid which is deemed most favorable to the interest of the City of Lima, Ohio.

C. A. BINGHAM,
City Manager.
B. F. DARLING,
Supervising Engineer.

Dated: August 19th, 1922.

OFFICIAL PROPOSALS

Bids: Sept. 9.

Cast Iron Water Pipe and Appurtenances

Voorheesville, N. Y.

Notice is hereby given that sealed proposals will be received by the Board of Trustees of the Village of Voorheesville, N. Y., at their office in the "Hose House" in the Village of Voorheesville, N. Y., until three (3:00) o'clock p.m. (daylight saving time), on the ninth (9th) day of September, 1922, for the furnishing of about four hundred and fifty (450) tons of eight (8") inch Class "B" cast iron water pipe and appurtenances.

All proposals must be made upon printed forms, to be obtained of the engineer; and the unit prices written in words and figures, and accompanied by cash or a certified check, made payable to the Village of Voorheesville, N. Y., for five (5%) per cent of the amount of the proposal.

All proposals must be enclosed in a sealed envelope, directed to the Board of Trustees, Village of Voorheesville, N. Y., and endorsed upon the outside of the envelope "Proposal for Water Pipe or Appurtenances."

The Board of Trustees reserves the right to reject any or all proposals.

By order of the Board of Trustees of the Village of Voorheesville, N. Y.

GILBERT H. DARING,
Village Clerk,
Voorheesville, N. Y.

W. W. CHADSEY,
Civil and sanitary engineer,
434 State Street,
Schenectady, N. Y.

Bids: Sept. 6.

Canal Water Power Development

Albany, N. Y.

Sealed proposals will be received by the undersigned at his office in the Capitol at Albany, N. Y., until twelve o'clock noon of Wednesday, September 6th, 1922, at which place and hour they will be publicly opened and read, for the development of canal water power, pursuant to the provisions of Chapter 532 of the Laws of 1922, as follows:

A-3

CRESCENT POWER HOUSE,
COHOES, N. Y.

For constructing a power house and work incidental thereto, at Crescent Dam, Cohoes, N. Y.

Sheets 1 to 10 inclusive.

Plans may be seen and detailed specifications, engineer's estimate of quantity, proposal blanks forms of contract and bonds required, and other information for proposers, may be had at the office of the Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works at Albany, N. Y., at the office of the Assistant Superintendent of Public Works for the Eastern Division, Wedgeway building, Schenectady, N. Y.; at the office of the Assistant Superintendent of Public Works for the Middle Division at Syracuse, N. Y.; at the office of the Assistant Superintendent of Public Works for the Western Division, at Rochester, N. Y.; at the offices of the Superintendent of Public Works, Erie Basin Terminal, Buffalo, N. Y., and Terminal Warehouse, Pier 6, East River, New York City.

Blueprint copies of plans will be furnished by the State Engineer and Surveyor upon the receipt at his office in the Telephone Building, Albany, N. Y., of payment at the rate of fifteen cents (15c) per sheet. Refund will not be made for any blueprints which may be returned.

Monthly estimates will be paid of ninety per centum (90 per cent) of the work done at the contract price. Every proposal for said work must be accompanied by a money deposit in the form of a draft or certified check upon some good banking institution in the city of Albany or New York, issued by a national or state bank in good credit within the state and payable at sight to the Superintendent of Public Works for five per centum (5 per cent) of the amount of the proposal.

The person whose proposal shall be accepted will be required to execute a contract and furnish bonds within ten days from the date of notice of award delivered to him or them in person or mailed to the address given in the proposal.

OFFICIAL PROPOSALS

Upon execution of the contract and approval of bonds, the certified check or draft will be returned to the proposer unless the same shall have been presented for collection prior to such time, in which case the amount of the deposit will be refunded by the Superintendent of Public Works.

The deposit of bidders other than the one to whom the award of contract shall be made will be returned immediately after the award has been made.

The bond required for the faithful performance of the contract shall be in such sum as shall be fixed by the Superintendent of Public Works, which sum shall not be less than twenty per centum (20 per cent) of the estimated cost of the work, according to the contract price, and an additional bond known as the labor bond, in the sum of ten per centum (10 per cent) of the amount of the estimated cost of the work according to the contract price, will be required as security that the contractor will pay in full at least once in each month all laborers employed by him upon the work specified to be done in the contract.

In the event that more than one surety company is offered as surety on said bonds co-insurance only will be accepted.

Each proposal must be addressed to the Superintendent of Public Works, Albany, N. Y., and must be endorsed on the envelope with the name of the construction for which the proposal is made.

Award, if made, will be made to the person or persons whose proposal shall be lowest in cost to the State for doing the work, and which shall comply with all provisions required to render it formal. Before any award shall be made the lowest bidder will be required to satisfy the Superintendent of Public Works of his ability to provde suitable equipment and materials for the proper performance of the work.

The right is reserved to reject all proposals and readvertise and award the contract in the regular manner, if, in the judgment of the undersigned, the interests of the state will be enhanced thereby.

CHARLES L. CADLE,
Superintendent of Public Works.

Bids: Sept. 11.

Reinforced Concrete Pavement

White Plains, N. Y.

Sealed bids or proposals for the improvement of Mamaroneck Avenue from Washington Square northerly to County Highway No. 1581 with reinforced concrete pavement, a distance of 1.24 miles in the Village of Mamaroneck, Westchester County, New York, will be received at the office of the Clerk of the Board of Supervisors, Court House, White Plains, N. Y., until 10 a.m., September 11, 1922 (Standard Time.)

Specifications, proposal sheets and all information relative to same may be procured at the office of the County Superintendent of Highways, Court House, White Plains, N. Y., upon making a deposit of Five Dollars ($5.00).

August 21, 1922.

BOARD OF SUPERVISORS.
FRED L. MERRITT, Clerk.

Bids: Sept. 11.

Street Improvement

White Plains, N. Y.

Sealed bids or proposals for the improvement of Palmer Avenue from Central Avenue westerly to Miles Square Road, a distance of 0.57 miles in the City of Yonkers, Westchester County, New York, will be received at the office of the Clerk of the Board of Supervisors, Court House, White Plains, N. Y., until 10 a.m., September 11, 1922 (Standard Time).

Specifications, proposal sheets and all information relative to same may be procured at the office of the County Superintendent of Highways, Court House, White Plains, N. Y., upon making a deposit of Three Dollars ($3.00).

BOARD OF SUPERVISORS.
FRED L. MERRITT, Clerk.
August 26, 1922.

Swart Service Really Serves
A Thought Worth a Second Reading
HARMON V. SWART
Contract Bonds
Compensation Insurance
92 William St., New York

OFFICIAL PROPOSALS

Bids: Sept. 11.

Sewage Disposal Plant

Cadillac, Mich.

Sealed proposals will be received by the City Clerk of the City of Cadillac up to 7:30 p.m., Central Standard Time, of the 11th day of September, 1922, for the construction of a sewage disposal plant of 1,000,000 gallons daily capacity, and consisting of six septic tank units, six contact filter units and other minor structures and appurtenances. The plans and specifications according to which the work is to be done may be examined at the office of the City Clerk, or at the office of the Engineers; and copies may be obtained for bidding purposes by making a deposit of Five Dollars, which will be refunded upon the return of the plans and specifications in good condition.

A certified check in the sum of Fifteen Hundred Dollars will be required with each proposal.

The right to accept any proposal or to reject any or all proposals, and the right to waive defects in proposals are reserved by the City.

H. L. WORDEN,
City Clerk.
GEORGE JOHNSTON,
General Manager.
HOAD, DECKER, SHOECRAFT and DRURY,
Consulting Engineers.
Ann Arbor, Michigan.

Bids: Sept. 19.

Sanitary Sewers

Hagerstown, Md.

Sealed proposals for building sanitary sewers in certain streets, alleys, rights-of-way secured and to be secured, and other localities in North and Central Hagerstown, will be received at the offices of The Sewerage Commission in Police Headquarters Building, until 7.30 p.m., Tuesday, September 19th, 1922, at which time and place, during the session of the Sewerage Commission, the proposals will be publicly opened and read.

The work to be done embraces the building of approximately 25,000 lineal feet of sanitary sewers, ranging in size from 18 inches to 8 inches with all manholes, foundations and appurtenances, also approximately 9,500 lineal feet 6-inch house connections and approximately 400 lineal feet 66-inch storm water sewer.

On and after September 2nd, 1922, specifications and blank forms of proposals can be obtained, and detailed plans examined at the offices of the Sewerage Commission, and a full set of plans will be sent to any contractor, on the receipt of $10.00, the same to be returned upon the surrender of the plans in good condition.

The Sewerage Commission of the city of Hagerstown reserves the right to reject any and all bids.

E. LEROY HEARD,
Secretary.
Countersigned:
JOHN CARMICHAEL, Chairman.

Bids: Sept. 12.

Sewage Treatment Plant

Sebring, Ohio.

Sealed bids for the construction of a Sewage Treatment Plant will be received by the Village Clerk until 12 o'clock noon, on Sept. 12, 1922.

Plans and specifications may be seen at the office of the Clerk or may be obtained from Burgess and Niple, Engineers, 223 East Broad St., Columbus, Ohio, on deposit of ten dollars of which five dollars will be refunded on return of plans and specifications within ten days of receiving bids.

A bond or certified check in the sum of five per cent of the amount of the bid shall accompany the proposal.

The Village reserves the right to reject any and all bids, and to waive informalities.

The Village of Sebring, Ohio.
JAMES G. EARDLEY, Clerk.

U. S. GOVERNMENT

U. S. ENGINEER OFFICE, Buffalo, N. Y.—Sealed proposals will be received here until 11 a.m. (Eastern Standard Time), September 28, 1922, and then opened, for dredging and rock excavation in Sandusky Harbor, Ohio. Further information on application.

OFFICIAL PROPOSALS

Bids: Oct. 10.

Steam Turbine and Accessories

New Orleans, La.

Sealed proposals will be received by the Sewerage and Water Board of New Orleans up to 12 o'clock, noon, Tuesday, October 10th, 1922, for furnishing one 6,000 kw. STEAM turbine and accessories.

Specifications and blank forms of proposals may be obtained at Room 303, No. 526 Carondelet Street, New Orleans.

The right is reserved to reject any or all bids.

A. G. MOFFAT,
Secretary.
GEO. G. EARL,
General Superintendent.
Aug. 10th, 1922.

South Nyack, New York Saved $2,642.20

Through advertising for bids on a paving contract in *Engineering News-Record*.

This publicity in these Official Proposal Columns is a mighty profitable investment for any community.

It Costs so little, too.

U. S. GOVERNMENT

PROPOSALS FOR STONE.—U. S. Engineer Office, 329 Customhouse, New Orleans, La.—Sealed proposals will be received here until 9:00 a.m., Sept. 7, 1922, and then opened, for furnishing and delivering stone for Southwest Pass, Head of Passes, and South Pass, Mississippi River. Further information on application.

U. S. ENGINEER OFFICE, FLORENCE, ALA.—Sealed proposals will be received here until 11 a.m., September 18, 1922, and then opened, for the construction and delivery of two steel barges. Further information on application.

U. S. ENGINEER OFFICE, JACKSONVILLE, FLA.—Sealed proposals will be received here until 12 m., Sept. 21, 1922, and then opened, for jetty repairs at the entrance to St. Johns River, Fla. Further information on application.

U. S. ENGINEER OFFICE, FLORENCE, ALA.—Sealed proposals will be received here until 11 a.m., September 18, 1922, and then opened, for furnishing and delivering one hydraulic turbine of 1,000 horsepower capacity, with governor. Further information on application.

U. S. ENGINEER OFFICE, Nashville, Tenn.—Sealed proposals will be received here until 11 a. m., Sept. 5, 1922, and then opened, for steel gates for Lock F, Cumberland River. Further information on application.

U. S. ENGINEER OFFICE, Mobile, Ala.—Sealed proposals will be received here until 11 o'clock a.m., September 5, 1922, and then opened, for dredge pontoons and discharge pipe for the U. S. 20-inch hydraulic pipe-line dredge Wahalak. Further information on application.

U. S. ENGINEER OFFICE, Room 710, Army Building, 39 Whitehall Street, New York, N. Y.—Sealed proposals for dredging in Hudson River, N. Y., will be received here until 12 M., September 5, 1922, (daylight saving time) and then opened. Further information on application.

PROPOSALS FOR STEEL OIL BARGES.—U. S. Engineer Office, 329 Customhouse, New Orleans, La.—Sealed proposals will be received here until 9:00 a.m., Sept. 15, 1922, and then opened, for construction and delivery of two 4,000-barrel steel oil barges in the Mississippi River, at New Orleans, La. Further information on application.

U. S. GOVERNMENT

U. S. ENGINEER OFFICE, 315 Witherspoon Bldg., Philadelphia, Pa. Bids are wanted until September 6, 1922, for dredging in Delaware River on Bellevue, Cherry Island and Liston ranges. Further information on application.

UNITED STATES ENGINEER OFFICE, Norfolk, Va.—Sealed proposals will be received here until 12 m., September 14, 1922, and then opened, for dredging in Pagan River, Va. Further information on application.

U. S. ENGINEER OFFICE, HONOLULU, T. H., August 10, 1922.—Sealed proposals will be received here until 11 a.m., October 31, 1922, and then opened, for dredging in Honolulu Harbor, T. H. Further information on application here or to U. S. Engineer Office, 401 Customhouse, San Francisco, Calif.

U. S. ENGINEER OFFICE, SAVANNAH, Ga.—Sealed proposals will be received here until 12 noon, September 26, 1922, and then opened, for repairing training walls in Savannah Harbor, Ga. Further information on application.

TREASURY DEPARTMENT, Office of the Supervising Architect, Washington, D. C., August 23, 1922.—SEALED PROPOSALS will be opened in this office at 3 p.m., September 27, 1922, for construction of Officers' and Employees' Quarters for the United States Veterans' Hospital at Fort Bayard, N. M. Drawings and specifications may be obtained at this office in the discretion of the Supervising Architect. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and who have and who have established a record for expedition on contracts of similar character and magnitude. The fact that any concern obtains a set of the plans and specifications from any source whatever and submits a bid shall not constitute a waiver of the foregoing stipulations. Jas. A. Wetmore, Acting Supervising Architect.

SEALED PROPOSALS will be received and publicly opened by the Director of the U. S. Veterans' Bureau in the office of the Quartermaster General, Room 2306 Munitions Building, Washington, D. C., at 11 a.m., September 12, 1922, for the construction of a Veterans' Bureau Hospital at Northampton, Mass. Work includes construction of twenty-four (24) buildings, built of reinforced concrete and brick, complete with sewer, water and lighting systems, roads and walks (footings for nine buildings now under contract). Plans and specifications may be obtained after August 15th, upon deposit of $100, from the office of the Quartermaster General, Room 2312 Munitions Building, Washington, D. C., or from the office of the Constructing Quartermaster, Chamber of Commerce Building, Northampton, Mass. One set of plans and specifications will be on exhibition at the following stations: Office Constructing Quartermaster, 39 Whitehall Bldg., New York City; Office Constructing Quartermaster, Army Supply Base, Boston, Mass.; Office Quartermaster Supply Officer, Chicago, Ill.; Intermediate Depot, 1819 West Pershing Road, Chicago, Ill.; and Office Constructing Quartermaster, Scott Field, Belleville, Ill.

CONSTRUCTION OF TWELVE INCH FEED MAIN WATER LINE from Denver city limits to Fitzsimons General Hospital.—Proposals will be received by the Constructing Quartermaster, Fitzsimons General Hospital, Fitzsimons, Colorado, until 10 a.m., Sept. 22, 1922, and then opened for the construction of approximately two and one-eighth miles of twelve inch cast iron water main and appurtenances. Plans and specifications are on record at the Construction Service, Quartermaster Corps, Munitions Building, Washington, D. C., and may be obtained from the Constructing Quartermaster, Fitzsimons General Hospital, Fitzsimons, Colorado, upon deposit of $10.

U. S. ENGINEER OFFICE, Providence, R. I. Sealed Proposals will be received here until 11 o'clock a.m., standard eastern time, September 15, 1922, and then opened, for repairing of east jetty at entrance to Nantucket Harbor, Mass. Further information on application.